

BARRY SMITH

Curriculum Vitae • September 9, 2023

Born 4 June 1952 in Bury, England. US citizen

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EDUCATION

Oxford University: Degree of BA in Mathematics and Philosophy (First Class Honours), 1973. Converted to MA (Oxon.), 1977.

University of Manchester: Ph.D. in Philosophy, 1976. Dissertation: *The Ontology of Reference. Studies in Logic and Phenomenology*, xvi + 477pp., a study of theories of meaning and reference in Frege and Husserl. Supervisor: Wolfe Mays.

Abstract: We propose a dichotomy between object-entities and meaning-entities. The former are entities such as molecules, cells, organisms, organizations, numbers, shapes, and so forth. The latter are entities such as concepts, propositions, representations and theories. Frege distinguished analogously between a 'realm of reference' and a 'realm of sense', which he presented in some passages as mutually exclusive. We apply the meaning/object dichotomy to mathematical and fictional entities, and develop a view of mathematical and other abstract objects as the results of certain types of demarcation – as for example the North Sea is the result of demarcations built into naval charts. Such demarcations reflect demarcatory acts, which presuppose complex cognitive and social structures enabling the creation of maps, of theories (of mathematics, of natural science), and of novels.

[h-index](#): 102

[citations](#): 47,057

[h-Index for Computer Science](#)

Erdős Number: [3](#)

Dijkstra Number: [4](#)

[List of publications](#)

[Wikipedia](#)

ACADEMIC POSTS

- 1976–1979 Research Fellow, Department of Philosophy, University of Sheffield, England
- 1979–1989 University Lecturer, Department of Philosophy, University of Manchester, England, with tenure as of 1982
- 1989–1994 Professor of Philosophy, International Academy for Philosophy, Liechtenstein
- 1994–2004 Professor of Philosophy and Member of the Center for Cognitive Science, University at Buffalo
- 1996–2018 Research Scientist, [National Center for Geographic Information and Analysis](#) (NCGIA), University at Buffalo
- 2000– Julian Park Chair, [Department of Philosophy](#), University at Buffalo
- 2002–2004 Director, Institute for Formal Ontology and Medical Information Science ([IFOMIS](#)), Faculty of Medicine, University of Leipzig
- 2004–2006 Director, Institute for Formal Ontology and Medical Information Science ([IFOMIS](#)), Saarland University, Saarbrücken, Germany.
- 2004– SUNY Distinguished Professor, University at Buffalo
- 2005– Founding Director, [National Center for Ontological Research](#) (NCOR), Buffalo, NY
- 2006–2020 Research Scientist, [Center of Excellence in Bioinformatics and Life Sciences](#), Buffalo, NY
- 2008– Affiliate Professor, [Department of Neurology](#), University at Buffalo
- 2009– Affiliate Professor, [Department of Computer Science and Engineering](#), University at Buffalo
- 2013– Affiliate Professor, [Department of Biomedical Informatics](#), University at Buffalo
- 2016– Researcher, [Center for Multi-Source Information Fusion](#) (CMIF), University at Buffalo
- 2017– Faculty Affiliate, [Sustainable Manufacturing and Advanced Robotic Technologies](#) (SMART) Community, University at Buffalo
- 2022– Affiliate Faculty, [Institute for Artificial Intelligence and Data Science](#), University at Buffalo

VISITING POSTS

- 1984–85 Humboldt Fellow, University of Erlangen, Germany
- 1987–88 Visiting Professor, University of Graz, Austria
- Nov 1988 Directeur d'Etude Associé, Centre d'Analyse et de Mathématiques Sociales, Ecole des Hautes Etudes en Sciences Sociales, Paris
- 1990 Distinguished Visiting Professor, University of California, Irvine (Winter Quarter)
- Sep 1990 Research Fellow in the Department of Philosophy, University of Turku, Finland
- 1991–93 Visiting Professor, State University of New York at Buffalo
- 1992 Visiting Professor, University of Innsbruck, Austria
- 1993 Visiting Researcher at the Istituto per Ricerche di Dinamica dei Sistemi e di Bioingegneria (LADSEB), Consiglio Nazionale delle Ricerche, Padua, Italy (November–December)
- Feb 1994 Humboldt Fellow, Fachbereich Informatik, Universität Hamburg, Germany
- Aug 1994 Humboldt Fellow, Institut für Philosophie, Universität Konstanz, Germany
- Mar 1995 Visiting Professor, University of Malta, Msida, Malta
- Apr 1995 Visiting Professor, Rijksuniversiteit, Leiden, Netherlands
- Nov 1995 Visiting Professor, Technische Universität, Vienna
- Feb 1997 Visiting Professor, University of Malta, Msida, Malta
- Mar 1999 Visiting Professor, University of Malta, Msida, Malta
- 2000 Visiting Professor, University of Koblenz, Germany
- 2007– Research Director, Institute for Formal Ontology and Medical Information Science ([IFOMIS](#)), Saarland University, Saarbrücken, Germany
- 2008 Visiting Professor, University of Texas Southwestern Medical Center, Dallas (August 2008)

- 2018 Visiting Professor, Stevens Institute of Technology, Hoboken, New Jersey
 2019– Visiting Professor, University of Italian Switzerland and Swiss Institute of Artificial Intelligence Research, Lugano (April 2019, May 2020, 2021, 2022, March 2023)

HONORS AND AWARDS

- 1970–1973 Open Exhibition and Open Scholarship (Jesus College, Oxford)
 1983–1984 Two-Year Fellowship, [Alexander von Humboldt Stiftung](#), Germany for research in the Universities of Louvain (Belgium), Erlangen (Germany) and Graz (Austria)
 1989–1998 Honorary Fellow, University of Liverpool
 1991 [First Marvin Farber Lecturer](#), State University of New York at Buffalo
 Nov 1994 Fifth Gustav Bergmann Lecturer, University of Iowa
 Nov 1995 International Conference on Spatial Information Theory, Semmering, Austria. Award for Best Presentation
 Feb 1997 UB Committee for the Promotion of Tolerance and Diversity, Certificate of Appreciation for Exemplary Teaching in American Pluralism
 Oct 1997 Distinguished Visiting Scholar, James Madison University, Harrisonburg, Virginia
 Mar 1999 Fellow of the American Philosophical Society
 Nov 2001 [Wolfgang Paul Award](#), [Alexander von Humboldt Foundation](#)
 Oct 2002 SUNY Chancellor's Award for Excellence in Scholarship
 May 2002 [Stanisław Kamiński Memorial Lecture](#), [Catholic University of Lublin, Poland](#)
 Jun 2005 [Carl Linnaeus Lecturer](#), [Mälardalen University, Sweden](#)
 Dec 2005– [Honorary Professor](#), [Saarland University](#), Saarbrücken, Germany
 Apr 2010 [Paolo Bozzi Ontology Prize](#), University of Turin, Italy
 May 2012– Member, SUNY Distinguished Academy
 Nov 2014– Fellow, American College of Medical Informatics ([FACMI](#))
 Apr 2016– [Honorary Professor](#), [International Center for Formal Ontology](#), [Warsaw University of Technology](#)
 July 2016 Winner, IAOA Ontology Competition, [9th International Conference on Formal Ontology in Information Systems](#), Annecy, France
 Aug 2016 [50 Most Influential Living Philosophers](#)
 2017–2020 [Member, Faculty of 1000](#)
 May 2017 [Stanisław Kamiński Memorial Lecture](#), [Catholic University of Lublin, Poland](#)

EXTERNAL GRANTS

- Jul 1978 Research grant from the Deutscher Akademischer Austauschdienst, for work in the Bayerische Staatsbibliothek, Munich
 Jul 1980 Research grant from the British Academy, for research in Vienna, Graz and Budapest
 Jul 1980 Liberty Fund grant to organize Summer Schools on Austrian Economics for scholars from Eastern Europe, held in Graz (July 1980) and Vienna (July 1982)
 Jul 1983 Research grant from the Austrian Bundesministerium für Wissenschaft und Forschung, for research in the University of Graz
 Aug 1986 Research grant from the Austrian Bundesministerium für Wissenschaft und Forschung, for research in the Forschungsstelle und Dokumentationszentrum für Österreichische Philosophie, Graz
 Sep 1986 Travel grant from the British Council for research in Milan
 Sep 1988 Travel grant from the British Academy for attendance at an International Symposium on the Philosophy of Science in Cerisy-la-Salle, France
 Sep 1990 Travel grant from the Finnish Academy of Sciences for lecturing and research in Turku, Finland
 Aug 1991 Research grant 11-37632.93 from the Swiss National Foundation for a project on the Philosophical Foundations of Artificial Intelligence
 May 1991 Travel grant from the Swiss National Foundation for a Lecture Tour in Prague

- Apr 1992 Grants from the Soros and Lynde and Harry Bradley Foundations for the First Monist Colloquium on the topic of Philosophy and Political Change in Eastern Europe
- Aug 1992 Research grant from the Foundation Pax ex Innovatione for a project on the Ethical Consequences of Scientific and Technological Innovation
- Aug 1992 Research grant P-08661-HIS from the Austrian Foundation for the Promotion of Scientific Research (FWF) for a project on Apriorism and the History of Austrian Philosophy
- Oct 1992 Grant from the Lynde and Harry Bradley Foundation for the Second Monist Colloquium on the topic of European Philosophy and the American Academy, held at the Wingspread Conference Center of the Johnson Foundation (Racine, Wisconsin) in February 1993
- Apr 1993 Travel grant from the Swiss National Foundation for a Lecture Tour in Budapest
- Jun 1993 Grant from the Foundation Pro Helvetia for work on the Swiss philosopher Anton Marty
- Aug 1993 [Conference grant from the Peter Kaiser-Stiftung \(Vaduz\) for the organization of the 16th International Wittgenstein Conference, Kirchberg am Wechsel, Austria on Philosophy and the Cognitive Sciences](#)
- Aug 1993 Research grant from the Foundation "Pax ex Innovatione" for a project on the Ethical Consequences of Scientific and Technological Innovation (Prolongation)
- Feb 1994 Research grant from the Alexander von Humboldt Stiftung for a research visit to Hamburg, Germany
- Aug 1994 Research grant from the Alexander von Humboldt Stiftung for a research visit to Konstanz, Germany
- May 1995 International Research and Exchanges Board (IREX, Washington DC), travel grant for a lecture tour in Poland
- Apr 1997 Grant from the John C. Brentano Foundation, for work on Brentano's philosophy of history
- May 1997 Summer research grant from the National Center for Geographic Information and Analysis, NSF Project Varenius, Grant Number SBR 96-00465
- May 1997 Pilot Project Grant from the National Center for Geographic Information and Analysis, NSF Project Varenius, Grant Number SBR 96-00465
- Jul 1998 Summer research grant from the National Center for Geographic Information and Analysis, National Science Foundation Project Varenius, Grant Number SBR 96-00465
- Mar 1998 [National Science Foundation IGERT Program Grant DGE-9870668. Co-PI \(with David Mark and others\)](#)
- Mar 1999 Sabbatical Fellowship, American Philosophical Society
- May 1999 [National Science Foundation Research Grant BCS-9975557: Geographic Categories: An Ontological Investigation. Co-PI \(with David Mark\)](#)
- May 2000 German Academic Exchange Service (DAAD), Short-Term Research Grant
- Apr 2002 [Wolfgang Paul Prize, Alexander von Humboldt Foundation](#)
- Mar 2003 [National Science Foundation Award Number 0242145, to support the conference The Mystery of Capital and the Construction of Social Reality. Co-PI with David Mark and Isaac Ehrlich](#)
- Aug 2003 [European Union 6th Framework Programme for Research, Technological Development and Demonstration Grant NoE 507505: Network of Excellence in Semantic Data Mining and Medical Informatics. PI of IFOMIS subcontract](#)
- Sep 2003 [National Science Foundation IGERT Program Grant DGE-0333417. Co-PI](#)
- Apr 2004 [Volkswagen Foundation: Forms of Life: Philosophical Dimensions of Contemporary Biomedical Research. PI](#)
- Sep 2005 [European Union 6th Framework Programme for Research, Technological Development and Demonstration, RIDE – A Roadmap for Interoperability of eHealth Systems. PI of IFOMIS subcontract](#)
- Sep 2005 [European Union 6th Framework Programme for Research, Technological Development and Demonstration: ACGT: Advancing Clinico-Genomic Trials on Cancer. PI for IFOMIS subcontract](#)
- Oct 2005 [NIH Roadmap Grant U 54 HG004028: National Center for Biomedical Ontology; PI of Buffalo subcontract. Oct 2005-Jul 2010](#)
- Sep 2007 Duke University NIAID Cooperative Agreement: Ontology support, September 2006-August 2009
- May 2007 [NIH / NIGMS R01 GM080646-01: PRO: A Protein Ontology in Open Biomedical Ontologies. PI of Buffalo subcontract. May 2007-Sep 2011](#)
- Apr 2007 [Burroughs Wellcome Fund 1007105: Workshop on Infectious Disease Ontology. Co-Director with Lindsay Powell.](#)

May 2007 Lockheed Marin: Semantic Multi-INT Data Fusion and Social Network Analysis IRAD program, May-September 2007

May 2007 Philosophy Documentation Center: PhilOnto Development

Aug 2007 NIH / NIAID / Lockheed CA-0774 Bioinformatics and Scientific IT Program (BSIP): Review of Ontology, Terminology and Vocabulary Resources in the Infectious Disease Domain. Co-PI with Lindsay Cowell, 50%

Aug 2007 [Oishei Foundation: Task Force for Ontology-Based IT Support for Large-Scale Field Studies in Psychiatry. Co-PI](#)

Apr 2008 [Burroughs Wellcome Fund: 2nd Workshop on Infectious Disease Ontology. PI](#)

Aug 2008 Emcee Partners, LLC: Semantic DB Phase II project

Sep 2008 [NIH / NIAID R01 AI 77706: Immune System Biological Networks: A Case Study in Improved Data Integration and Analysis. PI of Buffalo Sub-Contract. Sep 2008-Aug 2012](#)

Nov 2008 CUBRC 1078142-1-49908: UCore SLX Biometrics Ontology, U.S. Department Of Defense, Nov 2008-Oct 2009. PI

Jan 2009 CUBRC 1078142-1-49908: Command and Control (C2) Core Ontology, U.S. Department of Defense (PI), Key scientist Jan 2009-Oct 2009.

Feb 2009 [NIH / NHGRI 1R13HG005049-01 International Conference on Biomedical Ontology \(ICBO\). PI. Feb 2009-May 2010](#)

Feb 2009 [NSF Award 0822201 The Plant Ontology: Plant Genome Research Resource. Consultant](#)

Sep 2009 UCore 2.0 Revisions. Key Scientist. Sep 2009-May 2010.

Sep 2009 Vocabulary Development and Standard Practices. Sep 2009-May 2010.

Jan 2010 [ARGOS Transatlantic Observatory for Meeting Global Health Policy Challenges through ICT-Enabled Solutions, European Union Directorate General for External Relations, January 2010- Oct 2012. PI of Buffalo subcontract](#)

Feb 2010 CUBRC 07741.01: Biometrics Ontology Information Exchange Model (NIEM)

Aug 2010 [NIH Roadmap Grant 2 U54 HG004028: National Center for Biomedical Ontology. PI of Buffalo sub-contract. Aug 2010-Jul 2015.](#)

May 2010 CUBRC 07717.01: C2 Core OWL-DL and UCore-SL Vocabulary Best Practices

Apr 2011 CUBRC 07796: EOIR-DDF / UCore

Apr 2011 [NIH / NHGRI R13HG006231-01 International Conference on Biomedical Ontology \(ICBO\), National Human Genome Research Institute. PI, Apr 2011-Mar 2012](#)

Aug 2011 CUBRC 07817: Semantic Enhancement of the Dataspace

Sep 2011 [NIH / NIGMS R01 GM080646-06 PRO: A Protein Ontology in Open Biomedical Ontologies, National Institute for General Medical Sciences \(4-year renewal\). Co-PI. Sep 2011-Aug 2020](#)

Nov 2011 [Gesellschaft für Telematikanwendung der Gesundheitskarte \(Gematik\), EPSOS: European Patients: Smart Open Services. Consultant](#)

Oct 2012 CUBRC 07881: Data Tactics Project

Oct 2012 [NIH / NIAID HHS N272201200028 Bioinformatics Integration Support Contract \(BISC\) IMMPORT, National Institute of Allergy and Infectious Diseases. PI of Buffalo Sub-Contact. Oct 2012-Sep 2017.](#)

Jul 2013 [NIH / NIDCR 1 T32 DE023526-01 Advanced Training in Oral Biology, National Institute for Dental and Craniofacial Research. Mentor.](#)

Dec 2014 [NSF Award 1340112: The Planteome Project: Common Reference Ontologies for Plant Science \(CROPS\). Consultant](#)

Jan 2014 CUBRC 07959.01.01: ENTICE Program / DCGS-A Ontologies

Feb 2014 CUBRC IC1301401: ReCOURSE II CRA

Jun 2014 CUBRC IC1331002: CARMA CRA FA8750-14-C-0165 CRA

Aug 2014 CUBRC IC1322307: SIGOPS FA8750-14-C-0168 CRA

Aug 2014 CUBRC IC1331101: BlueFRAME II FA8750-14-C0238 CRA

Apr 2015 CUBRC 07932.02 SAFETI (OS-MAMA)

Aug 2015 [NIH / NCATS 1UL1TR001412 Buffalo Clinical and Translational Research Center \(CTSA Award\). Key personnel.](#)

Sep 2015 [NIH / NCI 1U24CA199374-01 Pathology Image Informatics Platform for Visualization, Analysis and Management. Co-Investigator](#)

Feb 2016 CUBRC 08015.01C2: Digital Thread – Digital Twin, Air Force Research Laboratory, Wright-Patterson AFB.

Apr 2016 CUBRC: 08021.01C1 MCISRE Ontology Review and Evaluation

Dec 2016 [DMDII 15-11 Coordinated Holistic Alignment of Manufacturing Processes. PI. Dec 2016-Jan 2018.](#)

Jun 2017 NIH / NLM T5 Biomedical Informatics and Data Science Research Training Programs. 2017-2022. Mentor

Jan 2018 DMDII Wind Turbine Ontology Project. PI. Jan 2018-May 2018.

Mar 2018 Naval Postgraduate School N00244-18-1-0003 Data Science Approaches to Automation of Analytic Work Flows. Co-PI

Aug 2018 Navy SYSCOMs and DoD Ontology (Planning Grant), Systems Engineering Research Center (SERC). PI

Sep 2018 Air Force Office of Scientific Research AFOSR- 0007011818 Event Characterization Fusing Hard and Soft Data via Semantic Models. Co-PI. Sep 2018-Aug 2022

Oct 2018 ICPoDoc Fellowship ORAU A83344, Oak Ridge Institute for Science and Education, Oct 2018-Sep 2020

Jun 2019 CUBRC 08057.04C2: Cognitive Data Framework Phase II

Jun 2019 363rd ISR Wing; Air Defense Forces Ontology ADFO

Dec 2019 [NIH / NCATS 1UL1TR001412 Buffalo Clinical and Translational Research Center \(CTSA Award\). Dec 2019-Nov 2024 Key personnel](#)

Jan 2020 CUBRC S08057.04C4: Navy Systems Engineering Transformation Cyber Technology. Co-PI

Jul 2020 NIH/NLM T15LM012495-01 Buffalo Research Innovation in Genomic and Healthcare Technology (BRIGHT) Education Training Programs, 2020-2021.

Aug 2020 MIT Lincoln Labs: Advanced Aviation Teaming Program 3449 (US Army Program Executive Office – Aviation): Collaborative Behavior Ontology. August 2020-September 2021. PI

Sep 2020 JAIC (Joint Artificial Intelligence Center) Joint Logistics Program, 141011 Ontology Support. PI

Jul 2021 METASTRIKE (Air Force Research Lab, Dayton, OH) Question-and-Answer System for BFO-conformant Ontology Development. July 2021-December 2021

Oct 2021 ICPoDoc Fellowship ORAU 174038, Oak Ridge Institute for Science and Education, Oct 2021-Sep 2023. Total funded \$234,000

Apr 2022 Abrasian Ontology and Database, Edison Welding Institute (EWI), Buffalo, NY.
Ontology Bootcamp, Department of Homeland Security, Tucson, AZ,
Infrastructure Data Taxonomy (Ontology-based revision strategy), LLNL

INTERNAL GRANTS

Jun 1995 Grant from National Center for Geographic Information and Analysis, for participation in COSIT 1995 (Conference on Spatial Information Theory, Semmering, Austria) (\$500)

Apr 1996 Economic Development and Property Rights: An Investigation in Comparative Legal Ontology, grant from University at Buffalo Multidisciplinary Pilot Project Program (\$16,116)

May 1996 Grant from University at Buffalo Center for Cognitive Science, to support work on a paper entitled The Cognitive Geometry of War (\$300)

Oct 1996 Grant from the Randolph Foundation, New York, to support a conference on Academic Freedom held in Canisius College, Buffalo in April 1997 (\$4,000)

May 1997 Grant from the SUNY Conferences in the Disciplines Program for a conference on Applied Ontology in Buffalo, April 1998 (\$2,000).

Jun 1997 Grant from National Center for Geographic Information and Analysis, for participation in COSIT 1997 (Conference on Spatial Information Theory), University of Pittsburgh (\$500)

Jun 1997 Pilot Project Grant from the UB Cognitive Science Center (\$500)

Nov 1997 Grant from the SUNY Conversations in the Disciplines Program for a conference on Applied Ontology in Buffalo, April 1998 (\$3,000)

Mar 1998 Software and Intellectual Property: A Pilot Investigation in Legal Ontology, University at Buffalo Multidisciplinary Pilot Project Program (\$20,000)

Nov 2002 SUNY Conversations in the Disciplines Grant (\$1,700) to support a conference on

Sep 2004 [Mystery of Capital and the Construction of Social Reality](#)
Center for Brain and Behavior Informatics, University at Buffalo (\$2,300,000)

CONSULTANCIES

1999–2001 Formale Ontologie für Kataster und Grundbuch, Fonds zur Förderung der wissenschaftlichen Forschung (FWF), Austria (P125775-GEO)

2000–2008 IEEE (Institute of Electrical and Electronic Engineers) Standard Upper Ontology Project

2001–2003 European Union COST Enterprise on Framework Planning in Cadastral Education

2004–2007 FWF Research Project: The Concept of Person and the Naturalistic Challenge, University of Innsbruck, Austria

2005– Institute for Liberty and Democracy, Lima, Peru

2006–2010 School of Medicine, Duke University Health System

2006–2012 German Federal Ministry of Health

2007 Lockheed Corporation: Ontology for Multi-Modal Intelligence Integration

2007 University of Pittsburgh Medical Center

2008–2010 US Department of the Army Net-Centric Data Strategy Center of Excellence

2010–11 Modelling Immunity for Defense Center, Mount Sinai School of Medicine

2010–11 Joint Warfighting Center, Joint Forces Command, Department of Defense

2011–12 Intelligence and Information Warfare Directorate (I2WD), US Army Communications-Electronics Research, Development and Engineering Center (CERDEC), Semantic Enhancement of the Dataspace

2012–13 Intelligence and Information Warfare Directorate (I2WD), US Army Communications-Electronics Research, Development and Engineering Center (CERDEC), Distributed Development of a Shared Semantic Resource (DDSSR)

2011 Evicare: Evidence-Based Care Processes – Integrating Knowledge into Clinical Information Systems, University of Oslo and Norwegian University of Science and Technology, Trondheim

2012 Institute of Health Policy Studies Informatics Lab at University of California, San Francisco

2014– Air Force Research Laboratory (AFRL), Rome, NY

2014– Planteome, NSF Division of Integrative Organismal Systems

2015– Air Force Research Laboratory (AFRL), Wright-Patterson AFB, Dayton, OH

2015 Aviation Systems Engineering Company (ASEC)

2016 SPAWAR Atlantic, Charleston, SC

2018–19 De Soto, Inc., Lima Peru

2020 Office of Naval Research AI Taxonomy Working Group

2021–20 IDSIA (Swiss Institute for Artificial Intelligence Research) InMaX project on integrating Machine Learning with scientific methodology

SCIENTIFIC ADVISORY BOARDS

1983–2010 [Meinong-Institut: Forschungsstelle und Dokumentationszentrum für Österreichische Philosophie](#)

2004– Hegeler Institute, Board of Trustees

2004–10 Centre de Recherche en Philosophie Économique

2005–06 The MGED Network Functional Genomics Investigation Ontology (FuGO)

2006–2011 Gene Ontology Consortium (NIH/NHGRI)

2006– Ontology for Biomedical Investigations (OBI)

2006–12 Philosophy Documentation Center

2006–08 Multiscale Systems Immunology for Adjuvant Development (NIH/NIAID)

2007–10 The Cleveland Clinic Semantic Database
 2008–12 Disease Ontology (NIH/NHGRI)
 2010–12 CardioVascular Research Grid Ontology Advisory Board (CVRG) (Johns Hopkins)
 2010–12 Ontology for Clinical Research (OCRe) (University of California at San Francisco)
 2010– International Association for Ontology and its Applications (IAOA)
 2011–13 NextGen (Next Generation Air Transportation System) Ontology Team, US Government Joint Planning and Development Office (JPDO)
 2014–15 Ontolog Foundation, Board of Trustees
 2014–15 [Intelligence and Information Warfare Directorate](#) (I2WD) Ontologies Governance Board
 2014–17 National Center for Geographic Information and Analysis ([NCGIA](#)), Buffalo
 2016– International Council for Formal Ontology ([ICFO](#))
 2020– EU [OntoCommons](#)

ONTOLOGY CONSORTIA AND WORKING GROUPS

2006– [Open Biomedical Ontologies \(OBO\) Foundry](#) Coordinating Editorial Board
 2007– [Protein Ontology \(PRO\) Consortium](#) (NIH/NIGMS)
 2007– [Infectious Disease Ontology \(IDO\) Consortium](#) (NIH/NIAID)
 2009–12 Major Histological Complex Ontology Working Group (NIH/NIAID)
 2009 Task Force on Representation and Deployment of the Program on Ontologies of Neural Structures (PONS) of the International Neuroinformatics Coordinating Facility (INCF)
 2010–12 eagle-I / VIVO Expertise Ontology Working Group
 2012–13 CTSAconnect
 2012–20 [Environment Ontology Core Team](#) (Genomic Standards Consortium)
 2015–17 United Nations Environment Programme (UNEP) [Sustainable Development Goals Interface Ontology \(SDGIO\) Community of Practice](#)
 2015–17 [Pistoia Ontologies Mapping Project](#)
 2016–20 [ISO/IEC JTC 1/SC 32/WG 2 – MetaData](#)
 2016– Industrial Ontologies Foundry (IOF)
 2017–20 Semantic Web Technologies for Systems Engineering (SWTSE) group
 2017–20 Roswell Park Cancer Institute (RCPI) Cancer Ontology Working Group
 2017–22 Editor for International Standards Organization and International Electrotechnical Commission: ISO/IEC 21838-1. Information Technology – Top-Level Ontologies – Requirements; ISO/IEC 21838-2. Information Technology – Top-Level Ontologies – Basic Formal Ontology
 2017– Governance Board and Technical Oversight Board, Industrial Ontologies Foundry (IOF), National Institute of Standards and Technology (NIST)
 2018– Capabilities Ontology Working Group
 2019– Department of Defense and Intelligence Community Ontology Working Group (DIOWG)
 2019–22 InterNational Committee for Information Technology Standards (INCITS) Mid-Level Ontology Working Group
 2019–21 Member, INCITS DM32 Data Management and Interchange
 2019–20 Member, INCITS Artificial Intelligence Working Group
 2020– Industrial Ontologies Foundry (IOF) MT-Connect Working Group
 2020– Industrial Ontologies Foundry (IOF) Systems Engineering Working Group
 2020– [Normactivity – Research Network on Human and Non-Human Normativity](#)
 2021–22 European Observatory for ICT Standardisation
 2021– [OntoCommons](#) – Ontology-Driven Data Documentation for Industry Commons (2021–)
 2022– Buffalo Toronto Ontology Alliance (BoaT)

STUDY SECTIONS AND REVIEW BOARDS

1979–	Austrian Fonds zur Förderung der wissenschaftlichen Forschung (FWF)
1994, 1997	Canadian Federation for the Humanities Aid to Scholarly Publications Program.
2003–	Deutsche Forschungsgemeinschaft (DFG)
2005	U.S. Civilian Research and Development Foundation (CRDF)
2005–	Netherlands Organization for Scientific Research
2005–2009	Permanent Committee of External Referees, Italian Ministry of Research
2006	Ad hoc Member, NIH Study Section, Biodata Management and Analysis (BDMA)
2006–	German Academic Exchange Service (DAAD)
2006–2009	European Union Networked Ontologies (NeOn) Integrated Project
2007	NSF Review Panel on Ontologies and the Semantic Web
2007–	Leverhulme Trust, UK
2009	Netherlands Genomics Initiative
2011–	Czech Science Foundation
2011–	National Science Centre, Poland
2011–	National Nuclear Security Administration (NNSA), Department of Energy
2012–	Fonds Nationale de Luxembourg
2013	Ad hoc Member, NIH Study Section, National Institute of Dental and Cranofacial Research (Facebase)
2013	French National Research Agency
2013	European Science Foundation
2013	South African National Research Foundation
2013	Fulbright Foundation
2013	Social Sciences and Humanities Research Council of Canada (SSHRC)
2013	AXA Research Fund
2013	Canada Council
2014	Ad hoc Member, NIH/NIDCR Review Panel (Facebase 2)
2014	Ad hoc Member, NIH / BD2K Study Section (Data Discovery Index Coordination Consortium)
2017	Swiss National Foundation (SNF)
2022	European Commission
2022	Austrian Science Fund (FWF)
2022	Swiss National Foundation (SNF)

LEARNED JOURNALS AND SERIES

Editor of *The Monist. An International Quarterly Journal of General Philosophical Inquiry* ([1992–2016](#))

Associate Editor

Applied Ontology (2004–)

BMC Bioinformatics (2011–2015)

Journal of Biomedical Semantics (2009–)

Member of Editorial Board

Advances in Austrian Economics (1996–)

Axiomathes (1993–2011)

BMC Bioinformatics (2011–)

Brentano-Studien (1988–)

Collana di ontologia (2009–)

Dialectica (1988–)

Diametros (2004–)

Encyclopédie philosophique universelle (PUF, 1992)

Episteme (2002–)
Filozofia Nauki / The Philosophy of Science (2018–)
Grazer Philosophische Studien (1995–)
History and Philosophy of Logic (1979–1984, Founding Editorial Board Member)
In Silico Biology (2011–2015)
Interdisciplinary Phenomenology (2003–)
Journal of Biomedical Informatics (2006–2014)
Journal of Biomedical Semantics (2009–)
Journal of Knowledge Structures and Systems (2020–)
Journal of Libertarian Studies (1999–2010, 2019–)
Journal of Social Ontology (2013–)
Logic and Logical Philosophy (1996–)
Logical Analysis and History of Philosophy (1997–)
LOGOS: Freie Zeitschrift für wissenschaftliche Philosophie (2009–)
Meinong Studies (2004–)
Metaphysica (2003–)
Molinari Review (2015–)
Philosophy and Phenomenological Research (1986–1999)
Polish Journal of Philosophy (2006–)
Quarterly Journal of Austrian Economics (1998–)
Reports on Philosophy (2001–)
Roczniki Filozoficzne / Annals of Philosophy (2000–)
Spatial Cognition and Computation (2007–2019)
The Monist (2017–)

Book Series Editor

Philosophia Resources Library (Philosophia, 1987–1992)
 The International Carl Menger Library (Philosophia, 1987–1992)
 Primary Sources in Phenomenology (Kluwer, 1987–1994; Springer, 2016–)

Book Series Editorial Board Member

[Library of Living Philosophers](#) (Open Court, 1991–)
[Metaphysical Research](#) (De Gruyter, 2003–)
[Philosophical Studies Series](#) (Springer, 2002–)
[Studies on the Semantic Web](#) (IOS, Amsterdam, 2011–)
[La Collane del Labont](#) (Rome, 2014–)

Refereeing additionally for:

<i>Academic Questions</i>	<i>International Journal of Distributed Sensor Networks</i>
<i>Acta Academica</i>	<i>Journal of Biomedical Semantics</i>
<i>Acta Biotheoretica</i>	<i>Journal of Database Marketing</i>
<i>Advances in Bioinformatics</i>	<i>Journal of Data Semantics</i>
<i>Annals of the American Association of Geographers</i>	<i>Journal of Economic Methodology</i>
<i>Applied Clinical Informatics</i>	<i>Journal of Engineering Design</i>
<i>Archives of Virology</i>	<i>Journal of Function Spaces</i>
<i>Artificial Intelligence in Engineering Design, Analysis and Manufacturing</i>	<i>Journal of Engineering Design</i>
<i>Artificial Intelligence in Medicine</i>	<i>Journal of Information Science</i>
<i>Artificial Intelligence Review</i>	<i>Journal of Institutional Economics</i>
<i>Australasian Journal of Philosophy</i>	<i>Journal of Integrative Biology</i>
<i>BMC Bioinformatics</i>	<i>Journal of Medicine and Philosophy</i>
<i>BMC Genomics</i>	<i>Journal of Neuroscience</i>
<i>BMC Medical Genomics</i>	<i>Journal of Neuroscience</i>
<i>Bioinformatics</i>	<i>Journal of Philosophical Logic</i>
	<i>Journal of Sensors</i>
	<i>Journal of Supercomputing</i>

Briefings in Bioinformatics
British Journal for the Philosophy of Science
Bulletin of Symbolic Logic
Computing and Geosciences
Computational Biology and Chemistry
Critical Review
Data and Knowledge Engineering
Database
Dialogue
Diametros
Discipline Filosofiche
Drug Development Today: Biosilico
Economics and Philosophy
Environment and Planning B
Erkenntnis
Ethos (Lublin)
European Journal of the History of Economic Thought
European Journal of Philosophy
Frontiers in Medicine: Translational Medicine
Future Internet
Genome Biology
Geoinformatica
Global Jurist
History of Economic Ideas
Human Mutation
Husserl Studies
Information and Management
In Silico Biology
Inquiry
Intellectica
Interface (Royal Society)
International Journal for Intelligent Defense Support Systems
International Journal of Distributed Sensor Networks
International Journal of Geographical Information Science
Journal of the American Philosophical Association
Journal of the American Dental Association
Journal of the American Medical Informatics Association
Journal of the American Society for Information Science and Technology
Journal of the Association of Information Systems
Journal of the History of Economic Thought
Journal of the History of Ideas
Journal of the History of Philosophy
Journal of Web Semantics
Language Resources and Evaluation
Logique et Analyse
Mind
Minds and Machines
Nature Biotechnology
Nature Reviews
Nature Reviews Nephrology
Open Geosciences
Open Philosophy
Philosophia Mathematica
Philosophia Scientiae
Philosophical Explorations
Philosophical Quarterly
Philosophy of the Social Sciences
PLoS Computational Biology
PLoS One
Psychology and Economics
Review of Austrian Economics
Review of Philosophy and Psychology
Southern Journal of Philosophy
Southwestern Journal of Philosophy
Studia Neoaristotelica
Studia Phaenomenologica
Synthese
Techné: Research in Philosophy and Technology
Theoretical Biology and Medical Modelling
Theoretical Medicine and Bioethics
Theoria
Transactions of the C. S. Peirce Society
Transactions in GIS

Bloomsbury Publishers, Bradford Books/MIT Press, Cambridge University Press, Center for the Study of Language and Information (Stanford), Chapman and Hall, Chicago University Press, Harvard University Press, IOS Press, MIT Encyclopedia of Cognitive Science, Nijhoff/Reidel/Kluwer, Open Court Publishing Company, Oxford University Press, Routledge, Westview Publishers, Springer Publishing House, Wiley Interscience, University of Chicago Press, Yale University Press.

STANDARDS

Editor, International Standards Organization and International Electrotechnical Commission Joint Technical Committee 1, for ISO/IEC 21838-1 (Top-Level Ontologies) and ISO/IEC 21838-2 (Basic Formal Ontology)

ONLINE COURSES

[An Introduction to Biomedical Ontology \(2008\)](#)
[An Introduction to Ontology: From Aristotle to the Universal Core \(2009\)](#)
[From Basic Formal Ontology to the Information Artifact Ontology \(2009\)](#)
[Basic Building Blocks for Biomedical Ontologies \(2011\)](#)
[Problems in Ontology \(2012\)](#)
[Ontology for Intelligence, Defense and Security \(2012\)](#)
[Semantics for Biodiversity \(2013\)](#)
[Analytic Metaphysics \(Lecture Course\) \(2016\)](#)
[Building Ontologies: An Introduction for Engineers \(2017\)](#)
[Introduction to Basic Formal Ontology 2.0 \(2017\)](#)
[Ontology for Systems Engineering \(2018\)](#)
[Building Ontologies with Basic Formal Ontology \(2018\)](#)

TEACHING

University of Sheffield (one-year courses)

Introductory Logic, 1977–78, 1978–79

University of Manchester (one-year courses)

Introduction to Philosophy/History of Philosophy, 1979–80, 1980–81, 1981–82, 1982–83, 1985–86, 1986–87, 1988–89

Philosophical Logic, 1985–86, 1986–87

Elements of Phenomenology and Existentialism, 1979–80

Contemporary European Thought, 1980–81, 1981–82, 1982–83, 1985–86, 1986–87

History of Modern Philosophy: Rationalism and Empiricism, 1985–86, 1986–87, 1988–89

Husserl, 1979–80, 1980–81, 1981–82, 1982–83, 1985–86

Phenomenology, 1979–80, 1980–81, 1981–82, 1982–83

Wittgenstein's *Tractatus*, 1981–82

Cognition and Intentionality: An Introduction to Artificial Intelligence, 1986–87

Philosophy of Science, 1988–89

Advanced Philosophy of Science, 1988–89

Metaphysics, 1988–89

University of Erlangen (jointly with H. Burkhardt)

Franz Brentano und die deskriptive Psychologie, Proseminar, SS 1984

Einführung in die analytische Philosophie. Intentionalität, Referenz, Wahrnehmung, Proseminar, WS 1984–85

Die Philosophie Ludwig Wittgensteins, Proseminar, SS1985

Internationale Akademie für Philosophie im Fürstentum Liechtenstein

Truth, Correspondence and Ontology, Block-Seminar, May–June 1987

Bewusstsein, Bedeutung und Metaphysik. Aspekte der Philosophie des 20. Jahrhunderts, Block-Seminar, September 1987

History of Phenomenology, Block-Seminar, June–July 1988, WS 1991/92

Introduction to Formal Logic, Block-Seminar, October–November 1988

Sprachphilosophie, Seminar, WS 1989/90

On Commentaries: From Averroes to the Bürgerliches Gesetzbuch, Seminar, WS 1989/90

Formal Logic, Lecture with Seminar, WS 1989/90

Pascal, Graduate Seminar, WS 1989/90

Introduction to Philosophy, Lecture with Seminar, SS 1990, WS 1991/92
Philosophie und Literatur, Lecture, SS 1990
Aristotle's Poetics, Graduate Seminar, SS 1990
Die Österreichische Schule der Nationalökonomie, Seminar, WS 1990/91
Introduction to Philosophical Logic, Lecture with Seminar, WS 1990/91
Methods of Research in Philosophy, Seminar, WS 1990/91
Natural Law, Human Rights and Legal Positivism, Graduate Seminar, WS 1990/91
Introduction to Formal Logic and Set Theory, Lecture with Seminar, SS 1991
Analytic Metaphysics, Seminar, SS 1991
Europäische Philosophie der Gegenwart, Lecture, SS 1991
Die Philosophie Franz Brentanos, Seminar, WS 1991/92
Philosophy of Mathematics and the Natural Sciences, Lecture, SS 1992
Formal Ontology, Research Seminar, SS 1992
Einführung in die Phänomenologie, Lecture, WS 1992/93
Philosophy of Music, Seminar (jointly with R. Casati), WS 1992/93
Apriorism, Research Seminar, WS 1992/93
History and Philosophy of Logic, Seminar (jointly with G. White), SS 1993
Truth, Research Seminar, SS 1993
Philosophie und die Kognitionswissenschaften, Lecture (jointly with R. Casati), SS 1993

University of Graz

Formale Ontologie, Vorlesung, WS 1987
Grundlagenprobleme der Ästhetik, Privatissimum, WS 1987
Phänomenologie, Vorlesung mit Konversatorium, WS 1987
Topologie für Philosophen, Privatissimum, SS 1988
Metaphysik: Eine Einführung in die Philosophie, Proseminar, SS 1988
Was ist Wahrheit? Vorlesung, SS 1988 (jointly with R. Haller)

International Summer School for Philosophy and Artificial Intelligence, Bolzano, Italy

Cognition and Intentionality, July 1988
Formal Ontology, July 1991
Cognitive Metaphysics, October 1994

University of California at Irvine

Metaphysics, Winter Quarter 1990

University of Turku, Finland

The Physics of the Common-Sense World, Block-Seminar, September 1990

University at Buffalo

Cognition and Intentionality: Perspectives on Phenomenology and Cognitive Science, Graduate Seminar, Spring Semester 1991

[Continental Drift: A Conspectus of 20th Century European Philosophy](#), Marvin Farber Lectures, Spring Semester 1991

Introduction to Philosophy, Autumn Semester 1991 (block seminar, with P. Hare and N. Garver)

Formal Ontology (graduate block seminar), 1991–92

Social Philosophy, Spring Semester 1991, Spring Semester 1992, Fall Semester 1993 (block seminars with P. Hare and N. Garver)

Metaphysics, Fall Semester 1992 (block seminar, with P. Hare and N. Garver)

Topics in European Intellectual History, Fall Semester 1992 (block seminar, with G. Iggers and others)

Methodological Problems of the Social and Cognitive Sciences (one-year graduate block seminar), 1992–93
 Phenomenology and Existentialism, Spring Semester 1993 (block seminar, with P. Hare and N. Garver).
 Writing Philosophy (graduate block seminar), 1993–94
 Epistemology, Spring Semester 1994 (block seminar, with P. Hare)
 Foundations of Cognitive Science (graduate lecture course, [First International Summer Institute in Cognitive Science](#)), July 1994.
 Introduction to Philosophy, Fall Semester 1994, Summer Semester 1995, Fall Semester 1995, Fall Semester 1996 (Enrolment: 217)
 Twentieth-Century Philosophy, Fall Semester 1994
 Ethics, Spring Semester 1995, Fall Semester 1995, Spring Semester 1996, Spring Semester 1997
 Cognitive Metaphysics (graduate seminar), Spring Semester 1995
 Austrian Philosophy, Fall Semester 1995
 American Pluralism: Issues of Race, Class, Sex and Gender, Spring Semester 1996, Spring Semester 1997; Spring Semester 1998; [Spring Semester 1999](#)
[Husserl](#) (graduate seminar), Spring Semester 1996, Spring Semester 1998, Spring Semester 2003
 Groundwork for the Social Sciences, Fall Semester 1996 (jointly with M. Thalos)
 Critical Thinking for Lawyers, Spring Semester 1997
[Law and Ontology](#) (graduate seminar), Fall Semester 1997
[Research Ethics](#) (graduate seminar), Spring Semester 1998
[Philosophy and Economics](#) (graduate seminar), Fall Semester 1998.
[Research Ethics](#) (graduate seminar), Spring Semester 1999.
[Ethics and Politics of Cross-Cultural Communication](#) (graduate seminar, with J. C. Nyiri, Budapest), Spring Semester 1999
 Merleau-Ponty's *Phenomenology of Perception* (graduate seminar), Spring Semester 1999
[Clinton: A Philosophical Exploration](#), Spring Semester 1999
[Introduction to Cognitive Science](#) (graduate seminar, with Roberto Casati), Fall Semester 1999
[Problems in Ontology: The Metaphysics of Spatial Entities](#) (graduate seminar, with Roberto Casati), Fall Semester 1999
 Husserl's *Logical Investigations* (graduate seminar), Spring Semester 2001
 Geographic Ontology (graduate seminar, with David Mark), Spring Semester 2001
[Philosophy of Social Reality](#) (undergraduate honors seminar, with Rudolf Lütke), Fall Semester 2001
[Geospatial Ontology](#) (graduate seminar, with Roberto Casati), Fall Semester 2001
[Religion, Revolution, War and Terrorism](#) (graduate seminar), Spring Semester 2002
[Formal Ontology](#) (graduate seminar), Fall Semester 2002
[The Meaning of Life](#) (undergraduate honors seminar), Spring Semester 2003
[Husserl](#) (graduate seminar), Spring Semester 2003
[Topics in Ontology](#) (graduate seminar), Spring Semester 2003
[Types and Tokens](#) (graduate seminar with Boris Hennig and Fabian Neuhaus), Fall Semester 2005
 Ontology, Bioinformatics and Life Sciences (public lecture series), Fall Semester 2006
[An Introduction to Biomedical Ontology](#) (tutorial), Spring Semester 2008
 CAS 101: Trends in Arts and Sciences (Philosophy), Fall Semester 2009
 Basic Formal Ontology (tutorial), Fall Semester 2009
[From Aristotle to the Universal Core](#) (tutorial), Fall Semester 2009
[Philosophical Aspects of Health and Disease, Fall Semester, 2010 \(with Mathias Brochhausen\)](#)
 CAS 101: Trends in Arts and Sciences (Philosophy), Fall Semester 2011
 Four Seminars on Biomedical Informatics. [Core Curriculum in Clinical and Translational Research](#) Seminar Series (School of Medicine), Spring Semester 2012
[Basic Formal Ontology 2.0](#) (tutorial), Summer Semester 2012
[Protégé 2000](#) (tutorial), Summer Semester 2012 (with Ron Rudnicki)
[Problems in Ontology](#) (graduate seminar), Fall Semester 2012
 Ontological Engineering (graduate seminar), [Fall Semester 2013](#), [Fall Semester 2014](#)

Tutorial and Hackathon: [Ontology and Imaging Informatics](#), Third Clinical and Translational Science Ontology Workshop, June 23-25, 2014

CE 630: Research Methods in Chemical and Biological Engineering (Research Ethics), Spring Semester 2015

CAS 101: Trends in Arts and Sciences (Philosophy), Fall Semester 2015

[Analytic Metaphysics](#), Spring Semester 2016

[Biomedical Ontology](#), Fall Semester 2016 (with Werner Ceusters)

[Applied Ontology](#), Spring Semester 2017 (online course)

PHI 579 Social Norms and Informal Institutions, Spring Semester 2017 (guest lecture)

[Advanced Biomedical Ontology](#), Fall Semester 2017 (with Werner Ceusters)

Clinical and Translational Science Institute (CTSI) Workforce Development Core, Biomedical Informatics Workshop Series, Lectures on: How to write grants. How to get published. Data ethics and responsible data sharing. October 3 and October 15, 2017

[Ontology for Systems Engineering \(Slides\)](#), [Center for Multi-Source Information Fusion](#), January 26, 2018

[Ontological Engineering](#), Spring Semester 2018 (online course)

[Applied Ontology](#), Fall Semester 2018

[Intelligence Analysis: A Crash Course](#), Fall Semester 2019

Clinical and Translational Science Institute (CTSI) Workforce Development Core, Biomedical Informatics Workshop Series, Lectures on:

[The Reproducibility Crisis in Biomedical Research](#). October 31, 2019; October 21, 2021

[Philosophy on Rails: An Introduction to Ontology](#), Fall Semester 2020

The Metaphysics and Ethics of Transhumanism, Guest Lecture: Transhumanism and the Turing Test, September 30, 2020.

[American Philosophy and Its Contemporary Relevance](#), Fall Semester 2021, Department of Philosophy (with Jobst Landgrebe)

[Philosophy and Artificial Intelligence \(Crash Course\)](#), October 3-4, 2021, Department of Philosophy and Department of Computer Science (with Jobst Landgrebe)

[Applied Ontology](#) (online course), Spring Semester 2022, Department of Philosophy

[Philosophy of Science](#), Fall Semester 2022, Department of Philosophy

Lecture in John Beverley's Logic of Ontology class (PHI 637), May 1, 2023 ("[BFO-2020-2023](#)", [Video](#))

Clinical and Translational Science Institute (CTSI) Biomedical Informatics Bootcamp, August 15, 2023 ("Use of AI in medical teaching, medical care, and medical research")

Catholic University of Lublin

Truth and Truthmakers, Block-Seminar, March-April 2000

Applied Ontology, Block-Seminar, May 2002

[Applied Ontology: An Introduction](#), Block-Seminar, May 2018

Universität Koblenz-Landau

Werkzeuge des systematischen Denkens. Eine Einführung in die systematische Philosophie, Summer Semester 2000

Von Platon bis Nozick: Eine Einführung in die politische Philosophie (with Ruth Hagengruber), Summer Semester 2000

Probleme der angewandten Ethik (seminar, with Rudolf Lütke), Summer Semester 2000

Kognition, Information, Repräsentation (seminar)

Universidad Autónoma del Estado de Morelos, Cuernavaca, Mexico

Categorization: An Introduction to the Theory of Granular Partitions, June 2001 (block seminar)

Copenhagen Business School, Copenhagen, Denmark

Language and Ontology (block seminar), May 2003

Universidad Francisco Marroquin, Guatemala City, Guatemala

The Meaning of Social Life (block seminar), July 2003

[Video presentations](#)

International Spatial Cognition Summer Institute, Bad Zwischenahn, Germany

Ontology, Space and Language (block seminar, with John Bateman), August 24 - September 6 2003

Intelligent Systems for Molecular Biology (ISMB)

[Principles of Ontology Construction](#) (Tutorial with Suzanna Lewis and Michael Ashburner), Detroit, June 25, 2005

How to Build Ontologies and How to Use Them (Tutorial with Nigam Shah), Vienna, Austria, July 19, 2007

Bio-Ontologies: How to Make and Use Them (Tutorial with Nigam Shah), Toronto, Canada, July 18, 2008

Medical Informatics Europe (MIE)

MIE 2005: [Principles of Ontology Design](#) (Tutorial, with Werner Ceusters), Geneva, August 28, 2005

MIE 2006: [Standards and Ontology](#) (Tutorial, with Werner Ceusters), Maastricht, August 27, 2006

MIE 2009: Biomedical Ontologies: The State of the Art (Tutorial, with Werner Ceusters), Sarajevo, August 30, 2009

International Conference and Research Center for Computer Science, Schloss Dagstuhl, Germany

[Training Course in Biomedical Ontology](#) (Tutorial), May 21-24, 2006

[Reasoning with Biomedical Information: Training Course in Logic for Biomedical Research](#) (Tutorial), June 20-22, 2007

Universität des Saarlandes

[Problems in Ontology](#) (with Pierre Grenon and Ingvar Johansson), Fall Semester, 2004

Spezies (graduate seminar, with Ulrich Nortmann and Mathias Brochhausen), Summer Semester 2006

Sprachtechnologie, Ontologien und Rechtswissenschaft (research seminar, with Manfred Pinkal, Max Herberger, and Stephan Walter), Summer Semester 2006

Die Grundkategorien der Ontologie (Blockveranstaltung), Summer Semester 2014

Duke University, Durham, NC

The Foundations of Biomedical Ontology (Tutorial), October 31, 2006

Massachusetts Institute of Technology, Cambridge, MA

Connecting BioPAX to Other Biomedical Ontologies (Tutorial), November 20-21, 2006

Protégé 2007, Budapest, Hungary

How to Build and Maintain Useful Ontologies (Tutorial), July 15, 2007

Universidade Federal Fluminense, Rio de Janeiro, Brazil

An Introduction to Biomedical Ontology (Tutorial), August 14, 2008

Northwestern University, Chicago, IL

Tutorial on Ontology Development, Disease Ontology Workshop, Northwestern University, Chicago, January 16-17, 2010

European Bioinformatics Institute, Hinxton, Cambridge, UK

[Ontologies for the Virtual Physiological Human](#) (Tutorial, with Alan Ruttenberg), February 14, 2010
Introduction to Ontology Best Practices (Tutorial), Ontology Development and Engineering: Tutorial & Training Workshop (EMBL-EBI Industry Programme), October 11, 2010

US Army Net-Centric Data Strategy Center of Excellence, ANSER Center, Arlington, VA

[Universal Core Semantic Layer](#) (Tutorial, with Lowell Vizenor), March 17, 2010

Pre-Conference of the 2nd Summer School in Affective Sciences (ISSAS 2010), University of Geneva

Groundrules for an Ontology of Emotion (Tutorial), August 22, 2010

Department of Human Genetics, Emory University, Atlanta GA

[Building Ontologies for Clinical and Translational Research](#), June 29, 2011

Presentations on [Youtube](#)

Space and Naval Warfare (SPAWAR) Systems Command, Systems Center Atlantic, Charleston SC

[SPAWAR Semantic Boot Camp](#), September 21-23, 2011

US Army Intelligence and Information Warfare Directorate (I2WD), Washington DC

Semantic Enhancement Training, January 12-13, 2012

Ontology for the Intelligence Community: Training and Coordination Event, April 19-20, 2012

Distributed Common Ground System Ontology Training Event, March 27, 2013

New York Botanical Garden, Bronx, NY

[Introduction to Bio-Ontologies](#), Tutorial, Feb 5, 2012

National Center for Biomedical Ontology, Baltimore, MD

[Introduction to Biomedical Ontology for Clinical and Translational Research](#) Tutorial, April 24, 2012

Genomic Standards Consortium, University of Kansas Biodiversity Institute, Lawrence, KS

[Semantics of Biodiversity Workshop and Tutorial](#), May 16 -18, 2012

Presentations on [Youtube](#)

International Conference on Biomedical Ontology (ICBO)

[How to Develop and Use OBO Foundry Ontologies](#), Tutorial, Medical University of Graz, Austria
July 21, 2012

[Basic Formal Ontology 2.0](#), Tutorial, Medical University of Graz, Austria, July 25, 2012

[OBO Foundry 101](#): Tutorial on Collaborative Ontology Development (with Melanie Courtot, Melissa Haendel, Chris Mungall, Bjoern Peters, Alan Ruttenberg, Carlo Torniai and Jie Zheng), Concordia University, Montreal, Canada, July 7, 2013

[Information Artifact Ontologies Workshop](#), Rio de Janeiro, [Tutorial on the Information Artifact Ontology](#), September 22, 2014

Tutorial: [Introduction to Basic Formal Ontology](#), Lisbon, Portugal, July 28, 2015

Tutorial: The Ontology for Biomedical Investigations, Lisbon, Portugal, July 28, 2015

Tutorial: Open Biomedical Ontologies, Corvallis, OR, August 1, 2016

Tutorial: [Building Ontologies with Basic Formal Ontology](#), Corvallis, OR, August 7, 2018 ([Video](#))

[BFO Tutorial \(2019\)](#) (with Alan Ruttenberg), July 30, 2019 ([Video](#))

European Conference on Computational Biology (ECCB), Basel, Switzerland

[Applications of Bio-Ontologies in Large-Scale Data-Driven Science](#), Tutorial, September 9, 2012

Semantic Technology for Intelligence, Defense and Security (STIDS), George Mason University, Fairfax, VA

Ontology for Intelligence, Defense and Security, Tutorial, October 23, 2012

[Information Ontologies for the Intelligence Community](#), Tutorial, November 12, 2013

[Ontology of Military Planning and Operations Assessment](#), Tutorial, November 18, 2014

[Quantitative Systems Immunology Summer School](#), Boston University, Boston, MA
[Immunology Ontology](#), Tutorial (with Lindsay Cowell), June 10-14, 2013. [Video](#)

Milan Polytechnic, Milan, Italy

Tutorial: An Introduction to Ontology for Mechanical Engineers, April 28-30, 2015

Air Force Research Laboratory, Rome, NY

[Ontology Bootcamp](#), July 7, 2015

Air Force Research Laboratory, Wright-Patterson Air Force Base, Dayton, OH

Ontology Bootcamp, February 25-26, 2016

[Aircraft Airworthiness & Sustainment \(AA&S\) Conference](#)

Digital Thread Training: Ontology Bootcamp, Grapevine, TX, March 24, 2016

[Unlocking Digital Thread \(DT\) Data for More Effective and Economical Systems Health Monitoring](#),
Phoenix, AZ, May 21, 2017

[Web Science and Technology \(WebST\) 2016](#), Bilbao, Spain

[Towards Ontological Foundations for Web Science](#), July 18-19, 2016

ASME 2017 International Design Engineering Technical Conferences (IDETC) and Computers &
Information in Engineering Conference (CIE) (IDETC/CIE), Cleveland, OH

[A Strategy for Promoting Data Interoperability Across the Enterprise. Introduction to BFO for Engineers](#),
August 6, 2017

[Systems Engineering Research Center \(SERC\)](#), Washington, DC

[Systems Engineering Ontology Bootcamp](#), December 5, 2017, ([Video](#))

*University of Italian Switzerland (USI) and Swiss Artificial Intelligence Laboratory (IDSIA), Lugano,
Switzerland*

[Ontology and Artificial Intelligence](#), April 8-12, 2019

[Philosophy and Artificial Intelligence](#), February 19-21, May 14-27, 2020

[Philosophy and Artificial Intelligence](#), February 22-26, May 17-21, 2021

[Philosophy and Artificial Intelligence](#), March 1-3, May 17-25, 2022

[Philosophy and Artificial Intelligence](#), February 28, March 1-3, May 9-11, 16, 17, 2023

Propulsion Directorate, Tinker Air Force Base, Oklahoma City, OK

Propulsion Ontology Tutorial, June 27, 2019

[Joint Ontologies Workshop \(JOWO\)](#), Graz, Austria

[TLO: Top Level Ontologies \(ISO/IEC 21838\)](#), September 24, 2019 (Video: [Part 1](#), [Part 2](#))

[Ground System Architectures Workshop \(GSAW\)](#), Los Angeles, CA

[Ontologies for Space and Ground Systems](#), March 1, 2020 ([Video](#))

[Ontologies for Space and Ground System Cybersecurity](#), March 11, 2021

US Customs and Border Protection, Tucson, AZ

Ontology Bootcamp for Border Security Professionals, August 23-24, 2022

US Cybersecurity and Infrastructure Security Agency. Washington, DC

2023 CISA Ontology Bootcamp, June 26-27, 2023

POSTDOCTORAL AND OTHER RESEARCH SUPERVISED

1. Graham White, IAP Liechtenstein, Fonds Nationale (Bern, Switzerland), 1991–1994
2. Roberto Casati, IAP Liechtenstein, Fonds Nationale (Bern, Switzerland), 1991–1994
3. Wojciech Zelaniec, IAP Liechtenstein and SUNY Buffalo, Fonds zur Förderung der wissenschaftlichen Forschung (Vienna, Austria), 1992–1996
4. Dieter Münch, University of Manchester, Deutsche Forschungsgemeinschaft, 1986–1988
5. Artur Rojszczak, University at Buffalo, Foundation for Polish Science, 1998–1999
6. Guido Hülsmann, University at Buffalo, Alexander von Humboldt-Stiftung, 1998–1999
7. Berit Brogaard, University at Buffalo, College of Arts and Sciences, 1999–2000
8. Alan Clune, University at Buffalo, College of Arts and Sciences, 2001
9. Daniel von Wachter IFOMIS, Leipzig, 2002
10. Igor Papakin, IFOMIS Leipzig, 2002–2003
11. Martin Trautwein, IFOMIS Leipzig, 2002–2004
12. Thomas Bittner, IFOMIS, Leipzig/Saarbrücken, 2002–2005
13. Maureen Donnelly, IFOMIS, Leipzig/Saarbrücken, 2002–2005
14. Pierre Grenon, IFOMIS, Leipzig/Saarbrücken, 2002–2007
15. Luc Schneider, IFOMIS, Leipzig, 2003–2004
16. Anand Kumar, IFOMIS, Leipzig, 2003–2006
17. Fabian Neuhaus, IFOMIS Saarbrücken / University at Buffalo / National Center for Biomedical Ontology, 2004–2007
18. Katherine Dormandy (née Munn), IFOMIS, Leipzig/Saarbrücken, 2002–2005
19. Dirk Marwede, IFOMIS, Leipzig/Saarbrücken, 2004–2006
20. Boris Hennig, IFOMIS, Leipzig/Saarbrücken, 2004–2006
21. Mathias Brochhausen, IFOMIS, Saarbrücken, 2005–2006, University at Buffalo, 2010–2011
22. Ludger Jansen, IFOMIS Saarbrücken, 2005–2006
23. Christian Cocos, IFOMIS Saarbrücken, 2006
24. Jose L. E. Mejino, Jr. University at Buffalo / National Center for Biomedical Ontology, 2006
25. Robert Arp, University at Buffalo / National Center for Biomedical Ontology, 2007–2009
26. Albert Goldfain, Immune System Biological Networks: A Case Study in Improved Data Integration and Analysis (NIH / NIAID), University at Buffalo, 2008–2010
27. Leonard Jacuzzo, University at Buffalo / National Center for Biomedical Ontology, 2009
28. Kerry Trentelman, University at Buffalo / National Center for Biomedical Ontology, 2009–2010
29. Gian Paolo Terravechia, University at Buffalo, 2009
30. Mauricio B. Almeida, University at Buffalo, 2010–2011
31. William H. Mandrick, University at Buffalo, 2011
32. Selja Seppälä, University at Buffalo, 2012–2016
33. Fumiaki Toyoshima, Japanese Institute for Advanced Scientific Research (JAIST), 2014–2016
34. Fernanda Farinelli, Federal University of Minas Gerais, Brazil, 2015–2017
35. Hedi Karray, National School of Engineering, Tarbes, France, 2016
36. Jose Parente de Oliveira, University at Buffalo, 2016
37. David Kasmier, AFSOR and EWI, University at Buffalo, 2018–
38. David Limbaugh, ICPdoc, University at Buffalo, 2018–2020
39. Shane Babcock, IDO-COVID-19, University Buffalo, 2020
40. Amelia Kahn, ICPdoc, University at Buffalo, 2021–
41. Giorgio Alberto Ubbiali, University of Milan, 2023.

CURRENT PH.D. STUDENTS

1. Scott Luan
2. Eric Merrell
3. Gloria Sanso
4. Emanuele Martinelli (external supervisor, Department of Philosophy, University of Zurich).

PH.D. DISSERTATIONS DIRECTED

1. Catherine J. Pearce, [Phenomenology of Time and Space](#), University of Manchester, October 1991.

- Current employment: Her Majesty's Treasury, UK.
2. James DuBois, Reinach's Theory of Judgment, International Academy of Philosophy, Liechtenstein, June 1992. Published as [Judgment and Sachverhalt. An Introduction to Adolf Reinach's Phenomenological Realism](#), Dordrecht/Boston/London: Kluwer Academic Publishers, 1995. Current employment: Steven J. Bander Professor of Medical Ethics, Washington University, St. Louis.
 3. Balász Mezei, [World and Life-World. Aspects of the Philosophy of Edmund Husserl](#), International Academy of Philosophy, Liechtenstein, June 1992. Published as World and Life-World, Frankfurt: Peter Lang, 1995. Current employment: Department of Philosophy, Eötvös Loránd University, Budapest
 4. Paul Chu, A Small Gray Book about the Present, International Academy of Philosophy, Liechtenstein, November 1992
 5. Agnieszka Lekka-Kowalik, The Concept of Rationality in Natural Science, International Academy of Philosophy, Liechtenstein, January 1993. Current employment: Director and Vice-Dean, John Paul II Institute, Catholic University of Lublin, Poland
 6. Aage Holter, [The Horizon of Choice: A Contribution to the Austrian Theory of Economics](#), International Academy of Philosophy, Liechtenstein, May 1993; Current Employment: Kreative Norge, Norway
 7. Michael Gorman, [Ontological Priority](#), University at Buffalo, August 1993. Current employment: Department of Philosophy Catholic University of America
 8. David Koepsell, The Ontology of Cyberspace, University at Buffalo, February 1997 (published as [The Ontology of Cyberspace: Law, Philosophy, and the Future of Intellectual Property](#), Chicago: Open Court, 2000). Director of Research and Strategic Initiatives, Comisión Nacional de Bioética, Mexico, D.F.
 9. Daniel Barwick, [On the Nature of Concepts: An Essay in Metaphysics](#), University at Buffalo, April 1997. Current employment: Department of Philosophy SUNY Alfred
 10. Leo Zaibert, [Intentionality and Blame: A Study in the Foundations of Culpability](#) (member of Ph.D. Committee), University at Buffalo, June 1997. Current employment: Chair, Department of Philosophy, Union College, Schenectady
 11. Berit Brogaard, [Temporal Mereology](#), University at Buffalo, November 1999. Current employment: Department of Philosophy, University of Miami
 12. Gerold Erion, [Common Sense: An Investigation in the Theory of Ontology, Epistemology, and Moral Philosophy](#), University at Buffalo, November 1999. Current employment: Professor of Philosophy, Medaille College, Buffalo
 13. Ivonne Palares, Foundations of the Theory of Categories, University at Buffalo, November 1999. Current employment: Department of Philosophy, Universidad Autónoma del Estado de Morelos, Mexico
 14. Alan Clune, [Using the World to Understand the Mind: Evolutionary Foundations for Ecological Psychology](#), University at Buffalo, April 2000. Current employment: Department of Philosophy, Sam Houston State University
 15. Gloria Zuniga, [A General Theory of Value: Axiology in the Central European Philosophical Tradition](#), University at Buffalo, April 2000. Department of Philosophy, Ashford University
 16. Michael Happold, [Information, Computation, and the Nature of Cognition: A Critique of Computational Approaches to Understanding and Creating Minds](#), August 2000. Current employment: Senior Robotics Research Scientist at Neya Systems, LLC in Pittsburgh, PA
 17. David Garren, [Whose Life Is It Anyway: The Case Against Paternalism](#), March 2002. Current employment: Professor, US Naval Academy, Annapolis
 18. David Kaspar, [Wise Action: A Dissertation on Prudence and Morality](#), October 2002. Current employment: St John's University, Staten Island Campus
 19. Eric Little, [Moderate Materialism: Toward a Unified Ontology of Consciousness](#), October 2002. Current employment: VP Data Sciences, Osthus
 20. Adrienne McEvoy, [The Role of Empathy in Pain Management Decisions](#), University at Buffalo, August 2002. Current employment: Mansfield University of Pennsylvania, Mansfield, PA
 21. William Mandrick, [The Ontology of War](#), University at Buffalo, April 2003. US Army Colonel (Retd.), Current employment: Chief Ontologist, Raytheon.
 22. Youngjin Kiem, [Prolegomena to a New Theory of Intentionality](#), University at Buffalo, September 2004. Current employment: Assistant Professor, Kyonggi University, Suwon, Korea
 23. Lowell Vizenor, [Corporate Being: A Study in Realist Ontology](#), University at Buffalo, February 2006 Current employment: Chief Technology Officer at Securboratorn, Washington, DC.
 24. Douglas Mayhew, [An Ontology of Natural Cognition. The Substance and Structure of Everyday Thought](#), University at Buffalo, May 2007 (deceased)

25. Pierre Grenon, [On Relations](#), University of Geneva, October 2007 (co-supervisor: Kevin Mulligan). Current Employment: Centre for Health Informatics, University College, London
26. Luc Schneider, [Kinds of Instances: A Logical and Metaphysical Inquiry into the Ontological Square](#), University of Geneva, October 2007 (co-supervisor, Kevin Mulligan). Current Employment: Digital Curator National Library of Luxemburg
27. Nikoloz Tsikolia, [Mechanisms of carcinogenesis: A consideration of causality in the development and pathology of the living organism based on realistic ontology](#), University of Leipzig, November 2007 (co-supervisor). Current employment: Department of Anatomy and Embryology, University Medical Center, Göttingen, Germany
28. Mark Niswonger, [Life at Its Edges: A New Look at the Persistence Conditions for Organisms](#), University at Buffalo, November 2010. Current employment: Brown Mackie College, Cincinnati
29. A. Patrice Seyed, [A Method for Evaluating and Standardizing Ontologies](#), University at Buffalo, December 2011 (co-supervisor). Current employment: Biomedical Ontology Engineer at 3M Health Information Systems, Troy, NY
30. Frédéric Tremblay, [Resemblance Realism: A Theory of Universals](#), University at Buffalo, May 2014. Current employment, Immanuel Kant Baltic Federal University, Kaliningrad, Senior Research Fellow
31. William Duncan, [The Ontology of Computational Artifacts](#), University at Buffalo, June 2014. Current employment: Ontologist, Lawrence Berkeley National Lab
32. Peter Koch, [A Theory of Patient Welfare](#), University at Buffalo, 2016. Current employment: Assistant Professor, Villanova University, Villanova, PA
33. J. Neil Otte, [Moral Psychology: An Ontological Approach](#), University at Buffalo, 2019. Current employment: Senior Ontologist, Applied Physics Lab, Johns Hopkins University
34. Brian Donohue, [Social Ontology and Social Normativity](#), University at Buffalo, 2020. Current employment: Senior Ontologist, Johns Hopkins University Applied Physics Lab
35. Harjeet Parmar, [Memory, Speak! An Essay on the Computational Theory Mind, Declarative Memory, and the Problem\(s\) of Relevance](#), University at Buffalo, 2021, Senior Solutions Architect at Aleph One Consulting, Washington DC

PH.D. COMMITTEES (SELECTED)

- Michael Gorman, Ontological Priority, SUNY Buffalo, August 1993. Current employment: Professor of Philosophy Catholic University of America.
- Jonathan Sanford, Aristotle, Scheler, MacIntyre: The Metaphysical Foundations of Ethics, 2001. Current employment: Provost, Professor of Philosophy, University of Dallas
- Rasmus Rosenberg Larsen, [Pathologizing Evil: A Critique of Modern Psychopathy Research](#), University at Buffalo, 2017. Current employment: Assistant Professor, University of Toronto, Mississauga
- Catherine Ann Nolan, [The Metaphysics and Ethics of Vital Organ Donation](#), University at Buffalo, 2015. Current employment: University of Dallas
- David Limbaugh, [The Flexibility of Reality: An Essay on Modality, Representation, and Powers](#), University at Buffalo, 2018. Current employment: Ontologist, CUBRC, Buffalo
- Francesco Franda, [Social Kinds: A User's Manual](#), University at Buffalo, 2022

M.A. THESES DIRECTED

- Jeremy Van Ek, SUNY Buffalo, *Chance, Free Will, Quantum Mechanics*, May 1998.
- Eric Little, SUNY Buffalo, *The New Phenomenology of Hermann Schmitz: A Refutation of the Inner World of the Conscious Self*, January 1999.
- Kristl Nowell, SUNY Buffalo, *A Formal Ontology of Constitution*, August 2011.
- Alexander Cox, SUNY Buffalo, *Defining Disease*, June 2015.
- Mark Jensen, SUNY Buffalo, *Mental Disorder, Nature and Ontology*, July 2015
- Travis Allen, SUNY Buffalo, *The ImmPort Antibody Registry and Ontology*, July 2015
- Giacomo De Colle, USI, *Why AI Cannot Develop Intelligent Functions*, September 2022.

STUDENTS/SUPERVISEES WITH WHOM I HAVE CO-AUTHORED PAPERS

Munira	Mohd Ali	2	PhD*	Travis	Allen	1	PhD
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Mauricio B. Almeida	7	PD	Anand Kumar	32	PD
Anthony Andersen	1	PhD	David Limbaugh	9	PhD
Robert Arp	15	PD	William H. Mandrick	7	PhD, PD
Shane Babcock	3	PhD, PD	Shahid Manzoor	2	PhD*
John Beverley	6	PhD	Jensen Mark	8	PhD
Thomas Bittner	16	PD	Dirk Marwede	1	PD
Jonathan Bona	6	PhD*	Jose L. E. Mejino	4	PD
Matheus Brochhausen	9	PD	Eric Merrell	8	PhD
Berit Brogaard	11	PhD	Katherine Munn	6	PD
Jeremy Chapman	4	PhD*	Christopher Nebelecky	2	PhD*
Christian Cocos	1	PD	Fabian Neuhaus	8	PD
Alexander Cox	7	PhD	Neil Otte	11	PhD
Maureen Donnelly	6	PD	Igor Papakin	2	PD
William Duncan	4	PhD	José M Parente	2	PD
Gerald J. Erion	3	PhD	Patrick Ray	1	PhD
Fernanda Farinelli	4	PD	Artur Rojczczak	3	PhD, PD
Francesco Furini	2	PD	Yonatan Schreiber	1	PhD
Albert Goldfain	8	PD	Selja Seppälä	4	PD
Pierre Grenon	12	PD	Jonathan Simon	2	PD
Janna Hastings	9	PD	Andrew D. Spear	12	PhD
Ludger Jansen	5	PD	Kerry Trentelman	1	PD
Hedi Karray	6	PD	Jonathan Vajda	1	PhD
David Kasmier	8	PD	Lowell Vizenor	5	PhD
Robert M. Kelly	3	PhD	Graham White	1	PD
Peter Koch	2	PhD	Leo Zaibert	8	PhD
David Koepsell	3	PhD	Wojciech Zelaniec	1	PD

*= PhD co-supervision of UB student in Faculty of Engineering and Applied Sciences

PH.D. AND HABILITATION DISSERTATIONS EXTERNALLY EXAMINED

Neils Bokhove, *Phänomenologie: eine begriffsgeschichtliche Untersuchung*, University of Utrecht, Holland (Ph. D., November 1991)

Maria van der Schaar, *G. F. Stout's Theory of Judgment and Proposition*, University of Leiden, Holland (Ph. D., November 1991)

Panu Turunen, *Der unbefangene Blick. Mach, Husserl und die ursprüngliche Anschauung*, University of Joensuu, Finland (Ph.D., June 1992).

H. G. Zilian, *Wissenschaftstheorie von Felix Kaufmann*, Habilitation, University of Graz, Austria (January 1991–September 1992).

Ján Pavlík, Docent degree, Katedra filosofie, Vysoká Škola Ekonomická, Prague (1992–1995).

Karl Milford, *Geschichte der politischen Ökonomie*, Habilitation, University of Vienna, Austria, December 1995–March 1996.

Robin D. Rollinger, *Husserl's Position in the School of Brentano*, University of Utrecht, Holland (Ph. D., June 1996)

Artur Rojczczak, Department of Philosophy, Jagiellonian University, Cracow, Poland (Ph. D., December 1996).

Lars Lundsten, *Communication as Experience: A Reinachian Inquiry*, Department of Philosophy, University of Helsinki, Finland (Ph. D., 1997)

Markus Haller, *Justification, Property, and Perceived Injustice: Implications for Economic Freedom and Social Security*, University of Geneva (Ph.D., June 1999).

Wolfgang Andreas Huemer, *The Constitution of Consciousness. A Study in Analytic Phenomenology*, University of Toronto (Ph.D., October 1999).

Fabrice Correia, *Existential Dependence and Cognate Notions*, University of Geneva (Ph.D., November 2002)

Frank Hindriks, *Rules and Institutions*, PhD Dissertation University of Rotterdam, Netherlands, 2004.

Andries van Renssenz, *A Generic Extensible Ontological Language*, PhD Dissertation, University of Delft,

Netherlands, 2004.

Hsing-Chien Tsai, *The Logic and Ontology of Part-Whole Relations*, PhD Dissertation, Columbia University, New York, 2004.

External member, PhD Committee, University of Melbourne, Australia, 2007-2009.

External member, PhD Committee, Monash University, Melbourne, Australia, 2010.

External member, PhD Committee, Jens Orthmann, *Semantic Integration of Human and Technical Observations*, University of Münster, 2013. External member, PhD Committee, David Zarebski, *Naturalized Ontology and Knowledge Engineering*, Université Paris 1 - Panthéon-Sorbonne, 2018.

External member, PhD Committee, Tom Poljansek, *Simulation und geteilte Wirklichkeit*, University of Stuttgart, February 2018.

External member, PhD Committee, Damiano Arena Nuncio, [Towards Semantics-Driven Modelling and Simulation of Context-Aware Manufacturing Systems](#), Institute of Mechanical Engineering, École Polytechnique Fédérale de Lausanne (EPFL), May 6, 2019.

External member, PhD Committee, Luan Fonseca Garcia, *GeoCore Ontology: A Core Ontology for Interoperability in Petroleum Geology*, Instituto De Informática, Universidade Federal Do Rio Grande Do Sul, Brasil, June 30, 2021.

External member, PhD Committee, Martijn Nico Roelofs, *A Graph-Based, Probabilistic Framework for Novel Aerospace Technology Evaluation and Selection*, Department of Aerospace Engineering, Delft University of Technology, November 29, 2021

External supervisor, Emanuele Martinelli, Department of Philosophy, University of Zurich, 2020–.

LEARNED SOCIETIES

British Society for Phenomenology (1974–1990, as Member of Council 1977–1990)

[Seminar for Austro-German Philosophy](#) (Founder Member, with Kevin Mulligan and Peter Simons, 1977–1986)

American Philosophical Association (1987–)

[European Society for Analytic Philosophy](#) (Founder Member as of 1991; National Representative 1991–1994)

Society for the Study of Husserl's Philosophy (1991–1998; Member of Board of Directors 1991–1994)

Schweizerische Gesellschaft für Philosophie (1991–1993)

Internationale Bernard Bolzano Gesellschaft (Founder Member and Member of Council, 1991–1997)

Österreichische Ludwig-Wittgenstein Gesellschaft (1992–2005)

New York Association of Scholars (1992–; Board of Directors 1994–96)

Association of Philosophy Journal Editors (1993–2015)

The Creighton Club. New York State Philosophical Association (1994–1998)

Council of Editors of Learned Journals (1994–2015)

Society for Philosophy and Geography (1996–2001)

Center for Advanced Research in Phenomenology (member of International Board of Advisers, 1996–2001)

Alexander von Humboldt Association of America (1996–)

Franz Brentano Gesellschaft (1998–)

Association des Historiens de la Tradition Economique Autrichienne (Academic Council, 1999–2005)

American Medical Informatics Association (2003–)

International Association for Ontology and Its Applications (2009–, Advisory Board Member since 2010)

Inbegriff – Geneva Seminar for Austro-German Philosophy (2015–)

EXTERNAL REVIEWING (UNIVERSITIES)

University of California at Irvine, 1987

University of Wisconsin at Green Bay, 1988

University of California at Irvine, 1990, 1996
 Institute of Economics, University of Vienna, 1992.
 Department of Philosophy, University of North Florida (external reviewing, August 1996).
 Department of Philosophy, University of Guelph (external reviewing, August 1998).
 Department of History, University of Louisville (external reviewing, July 1999).
 Department of Philosophy, CUNY Graduate School and University Center (external reviewing, October 1999).
 Department of Philosophy, Tel Aviv University (external reviewing, April 2001).
 Department of Cognitive Science, University of Helsinki (external evaluation of candidates for head of department, June 2001).
 Department of Philosophy, Hunter College, CUNY (external reviewing, October 2002)
 Office of Research Services, Carleton University, 2006.
 Member, Appointments Committee, Chair in Ethics, Graz University, Austria, 2007
 Member, Appointments Committee, Professorship in Analytic Philosophy, Saarland University, Saarbrücken, Germany, 2007
 University of Texas School of Biomedical Informatics, Houston, August 2013
 Stanford University School of Medicine, Department of Pediatrics, October 2013
 Harvard University Medical School, Department of Neurology, December 2013
 University of Texas Southwestern Medical Center, Department of Clinical Sciences, February 2014
 Yale University School of Medicine, January 2016
 University of Prince Edward Island, September 2018
 J. Craig Venter Institute, La Jolla, CA, February 2019

PROFESSIONAL AND UNIVERSITY SERVICE (SELECTIONS)

1977–1986 Co-founder and secretary of the [Seminar for Austro-German Philosophy](#). In this capacity responsible for the organization of some 36 academic colloquia in Austria, Belgium, France, Germany, Great Britain, Holland, and Switzerland, ranging from small informal workshops to large international conferences

1979–1988 Organization (in conjunction with the Goethe Institute, Manchester) of a series of over 70 talks and seminars in British universities given by philosophers from the German Federal Republic

1980–1989 Member, Scientific Advisory Board of the Internationale Bibliographie der Österreichischen Philosophie (Graz)

1984– Member, Scientific Council of the [Forschungsstelle und Dokumentationszentrum für Österreichische Philosophie](#), Graz

1986–1990 Member of the Scientific Council of the Centro Studi per la Filosofia Mitteleuropea, University of Trento, Italy

1988–1990 Director of the International Summer Schools on Philosophy and Artificial Intelligence, Bolzano, Italy

1991–1994 Co-Director of the [First International Summer Institute in Cognitive Science](#), University at Buffalo (held July 1994)

1994–1999 Trustee of the Hegeler–Carus Foundation, La Salle, Illinois

1994–1996 Member, Board of Directors of the New York State Association of Scholars

1996–2002 President, New York Association of Scholars

1996 Consulting editor, *Fachwörterbuch Philosophie* (University of Innsbruck)

1996–2006 Member, International Board of Advisors, Center for Advanced Research in Phenomenology (CARP)

1997–1999 Member, Faculty Senate, University at Buffalo

1997–1999 Member, Committee on International Cooperation, American Philosophical Association

1997–1999	Chair, University at Buffalo Graduate Group for German and Austrian Studies
1998	Co-Director, NSF Study Group on Ontology of Fields (Project Varenus Initiative), Bar Harbor, Maine.
1999–	Member of Advisory Board of the Hegeler–Carus Foundation , La Salle, Illinois
1999–2011	Member of Scientific Council, Centre de Recherches en Philosophie politique, économique et sociale, Paris
2000–	Board Member, Hegeler Institute
2004–2009	State University of New York Chancellor’s Advisory Committee
2007–2010	University at Buffalo Distinguished Ranks Committee
2008–2010	University at Buffalo Research Advisory Council, Vice-President for Research
2009–	University at Buffalo Clinical and Translational Science Award (CTSA) Bioinformatics Committee
2009–2012	Co-Chair, University at Buffalo Clinical and Translational Science Award (CTSA) Data Warehouse Committee
2009–2017	University at Buffalo Clinical and Translational Science Award (CTSA) Steering Committee
2009–2012	Director, University at Buffalo Center for Brain and Behavior Informatics (CBBI)
2013–2014	UB Department of Philosophy: Graduate Affairs Committee, Logic Colloquium Committee
2013–2018	UB Department of Biomedical Informatics, Appointments Committees for PhD Program Director Chief, Division of Biomedical Ontology Chief, Division of Sociotechnical Influences and Human Centered Design Chief, Division of Bioinformatics
2013	UB Department of Biomedical Informatics Steering Committee MA and PhD Programs
2014–15	Chair, UB Department of Philosophy Undergraduate Affairs Committee
2015	UB Health Science Schools Committee to Evaluate Clinical Trials Management Systems
2015–	UB Department of Philosophy Website/Media/Library Committee (Chair)
2015–17	UB Department of Philosophy Colloquium Committee (Chair)
2015–16	Committee on Publication Ethics (COPE)
2016–19	UB Manufacturing Council
2017	Interim Director of Graduate Studies and ex Officio member of Admissions, Curriculum, Graduate Affairs, and Progress and Evaluation Committees
2017–18	UB Department of Philosophy, Chair, Graduate Affairs Committee
2018–19	UB Department of Philosophy, Chair, Teaching Quality Committee
2019–20	UB Department of Philosophy, Chair, Graduate Affairs Committee
2020–23	UB Department of Philosophy, Admissions and Financial Aid Committee

CONFERENCE PROGRAM COMMITTEES

1994	Workshop on Mereology, European Conference on Artificial Intelligence, Amsterdam, August 1994
1994–95	International Joint Conference on Artificial Intelligence, Montreal, 1995
1997	Conference on Spatial Information Theory, Pittsburgh (COSIT 1997).
1998	International Conference on Formal Ontology in Information Systems (FOIS 1998) Director, Section on Philosophy and Cognitive Science, World Congress of Philosophy, Boston, September 1998
1999	Conference on Spatial Information Theory, Stade, Hamburg (COSIT 1999).
2000	Workshop on Semantic Approximation, Granularity and Vagueness, Breckenridge, CO, April 11, 2000 (KR 2000)
2000	International Conference on Ontology and Epistemology for Spatial Data Standards European Science Foundation, Sept. 22–27, 2000, Agelonde, France.

- Interdisciplinary Conference on Geographic Information Science, Savannah, Georgia, October 28-31 (GIScience 2000)
- 2002 Workshop on Action-Oriented Approaches in Geographic Information Science, University of Maine, November 2-4, 2002
- Interdisciplinary Conference on Geographic Information Science, Boulder, Colorado (GIScience 2002)
- 2003 Wissenschaftstheorie in Ökonomie und Wirtschaftsinformatik, Koblenz, Germany, June 5-6, 2003
- Conference on Spatial Information Theory (COSIT 2003), Ittingen, Switzerland.
- 2004 Pacific Symposium on Biocomputing, Hawaii, January (PSB 2004)
- Minor Entities: Philosophical Workshop in Geneva, July 8-11, 2004
- Formal Ontology in Information Systems (FOIS 2004)
- Third International Conference on Geographic Information Science Adelphi, MD, USA, October 20-23, 2004
- Spatial Cognition 2004, Frauenchiemsee Island, Germany, October 2004.
- 2005 Pacific Symposium on Biocomputing, Hawaii, January (PSB 2005)
- First Conference on Geospatial Semantics (GeoS 2005)
- Cognitive Science 2005. 27th Annual Meeting of the Cognitive Science Society, Turin, Italy
- Conference on Spatial Information Theory, Ellicottville, NY (COSIT 2005)
- Conference on Philosophy and Informatics, Koblenz, September 11, 2005 (WSPI 2005),
- First International Workshop on Formal Biomedical Knowledge Representation, Whistler, BC, Canada (KR-MED 2004)
- Working Group 6, Conference of the International Medical Informatics Association, Rome, May 2005.
- 2006 Third International Workshop on Philosophy and Informatics, Saarbrücken, Germany) (WSPI 2006)
- Australasian Ontology Workshop (AOW 2006)
- First International Workshop on Ontology Content and Evaluation (OntoContent 2006)
- 3rd Integrative Bioinformatics Workshop (IBW 2006)
- Formal Ontology in Information Systems (FOIS 2006)
- GMDS/EFMI Workshop on the Formal Foundations of Health Terminology, Timisoara Romania, August 2006.
- EFMI Conference on Foundations of Clinical Terminologies and Classifications, Timisoara, Romania, April 2006 (FCTC 2006)
- Fourth International Conference on Spatial Information Science, Münster, Germany (COSIT 2006)
- Pacific Symposium in Biocomputing, Hawaii, 2006.
- 2007 [Workshop on Cyberinfrastructure for e-Science](#) (CylneS 2007)
- Conference on Spatial Information Theory (COSIT 2007)
- Australasian Ontology Workshop (AOW07), 2-6 December, Gold Coast, Queensland. <http://www.comp.mq.edu.au/conferences/aow/>
- International Workshop on Integrative Bioinformatics, 4th Annual Meeting, September 10-12, 2007, University of Ghent, Belgium
- WWW2007 Workshops
- 2008 Ontology for the Intelligence Community, Columbia, MD (2008)
- Special Interest Group of the Association for Information Systems (AIS) on Ontology-Driven Information Systems (SIG-ODIS)
- International Conference on Spatial Cognition (COSIT) 2008
- Ontolog Forum/NCOR/NIST Ontology Summit, Gaithersburg, MD, April 28-29.
- Knowledge Representation Ontology Workshop, Sydney, Australia (KROW 2008)
- Conference on Representing and Sharing Knowledge Using SNOMED (KR-MED 2008)
- Spatial Cognition 2008, September 15-19, Freiburg, Germany (SC 2008)
- Fifth International Conference on Formal Ontology in Information Systems (FOIS 2008)

- 2009 Fifth International Workshop on Philosophy and Informatics (WSPI 2008).
 Bio-Ontologies: Semantic Applications In Life Sciences (Bio-Ontologies 208)
 9th International Conference on Spatial Information Theory (COSIT 2009)
 InterOntology 2009, Tokyo
 1st Conference on Ontology for the Intelligence Community, Columbia, MD (OIC 2009)
 2nd International Joint Conference on Biomedical Engineering Systems and Technologies (BIOSTEC-2009)
 Workshop on Legal Ontologies and Artificial Intelligence Techniques, Barcelona, Spain (LOAIT 2009)
 5th Australasian Ontology Workshop, Melbourne, Australia (AOW 2009)
 Knowledge Representation Ontology Workshop, Melbourne, Australia (KROW-SI 2009)
 32nd Annual Conference on Artificial Intelligence (KI 2009)
 Conference on Ontology for the Intelligence Community (OIC 2009)
- 2010 3rd InterOntology Conference, Keio University, Tokyo
 International Conference on Health Informatics (HEALTHINF 2010)
 Sixth International Conference on Formal Ontology in Information Systems (FOIS 2010)
 World Conference on Legal Theory and Social Philosophy, Beijing (IVR-09)
 IARPA-BAA-09-10: Knowledge Discovery and Dissemination (KDD)
 5th International Workshop on Ontology Content (OnToContent2010), Crete, Greece
 Conference on Semantic Technology for Intelligence, Defense, and Security, Fairfax, VA (STIDS 2010)
 6th Australasian Ontology Workshop (AOW 2010)
 4th InterOntology Conference, Keio University, Tokyo
 Bio-Ontologies: Semantic Applications In Life Sciences (Bio-Ontologies 2010)
- 2011 Conference on Semantic Technology for Intelligence, Defense, and Security, Fairfax, VA (STIDS 2011)
 Conference on AI Approaches to the Complexity of Legal Systems, Frankfurt, Germany (AICOL 2011)
 7th International and Interdisciplinary Conference on Modeling and Using Context 2011
[International Conference on Biomedical Ontology](#), Buffalo (ICBO 2011)
- 2012 Formal Ontology in Information Systems, Graz, Austria (FOIS 2012)
 International Conference on Biomedical Ontology, Graz, Austria (ICBO 2012)
 5th InterOntology, Keio University, Tokyo
 8th International Workshop on Ontology Content (OnToContent 2012)
 Conference on Semantic Technology for Intelligence, Defense, and Security (STIDS 2012)
 European Conference on Computational Biology, Basel, Switzerland (ECCB 2012)
 Eighth Australasian Ontology Workshop (AOW 2012)
- 2013 Conference on Semantic Technology for Intelligence, Defense, and Security Security (STIDS 2013)
[International Conference on Biomedical Ontology](#), Montreal, Canada (ICBO 2013)
 9th International Workshop on Ontology Content (OnToContent 2013)
- 2014 Conference on Semantic Technology for Intelligence, Defense, and Security Security (STIDS 2014)
 International Conference on Formal Ontology in Information Systems, Rio de Janeiro, Brazil (FOIS 2014)
 7th International Biocuration Conference (ISB2014)
 FOIS Ontology Competition, Rio de Janeiro, Brazil
 Information Artifact Ontologies Workshop, Rio de Janeiro, Brazil (IAOW 2014)
 European Conference on Computational Biology, Basel, Switzerland (ECCB 2014)
[International Conference on Biomedical Ontology](#), Houston, Texas (ICBO 2014)
- 2015 Conference on Semantic Technologies for Intelligence, Defense, and Security (STIDS 2015)
 11th OntoContent Workshop, Rhodes, Greece

- Conference on Spatial Information Theory (COSIT 2015)
[International Conference on Biomedical Ontology](#), Lisbon, Portugal (ICBO)
 International Workshop on Definitions in Ontologies (IWOOD 2015)
 International Conference on Spatial Information Science (COSIT 2015)
 Joint Ontologies Workshop on Modular Ontologies (JOWO/WOMO 2015)
 Conference on AI Approaches to the Complexity of Legal Systems (AICOL 2015)
- 2016
[International Conference on Biomedical Ontology](#), Corvallis, OR, USA (ICBO)
 Conference on Semantic Technologies for Intelligence, Defense, and Security, Fairfax, VA (STIDS 2016)
 International Conference on Formal Ontology in Information Systems, Annecy, France (FOIS 2016)
 International Workshop on Definitions in Ontologies (IWOOD 2016)
[11th OntoContent Workshop](#), Rhodes, Greece
 15th International Conference on Artificial Intelligence and Law (AICOL2016)
 Biocuration 2016: 9th International Biocuration Conference
- 2017
 International Conference on Biomedical Ontology (Corvallis, OR, USA) (ICBO)
 Workshop on Foundational Ontologies and Semantic Interoperability ([FOUST](#)), Bolzano, Italy
 Visual Learning: CONTENT – CULTURE – CONSCIOUSNESS, Budapest, Hungary
 2nd Workshop on Representing Social and Legal Entities in the Biomedical Domain (SoLe-BD), Newcastle, UK
 1st International Oncology Ontology (ONCONTO) Workshop 2017
 13th International Conference on Spatial Information Theory ([COSIT 2017](#)), L'Aquila, Italy
 16th International Conference on Artificial Intelligence and Law ([AICOL2017](#)), London, UK
 Second International Conference on Informatics and Assistive Technologies for Health-Care, Medical Support and Wellbeing (HEALTHINFO 2017), Athens, Greece
 OntoBrAS 2017
- 2018
 Joint Ontology Workshops (JOWO 2017)
 International Conference on Biomedical Ontology (Newcastle, UK) (ICBO 2018)
 Acronym:
 Roman Ingarden and His Times: An International Phenomenological Conference', Jagiellonian University, Cracow, 25-27 October 2018
 Ontology of Social, Legal and Economic Entities (SoLEE 2018) (HEALTHINFO), Nice, France, October 14-18, 2018
 10th International Conference on Formal Ontology in Information Systems (FOIS), Cape Town, South Africa, 2018
 Biocuration 2018: 11th International Biocuration Conference
- 2019
 International Conference on Biomedical Ontology, Buffalo, NY, USA (ICBO 2019)
 Joint Ontology Workshops: The Styrian Autumn of Ontology (JOWO 2019)
 14th International Conference on Spatial Information Theory (COSIT 2019)
 Ontology of Social, Legal and Economic Entities (SoLEE 2019)
 32nd International Conference on Legal Knowledge and Information Systems organised by the Foundation for Legal Knowledge Based Systems (JURIX 2019)
- 2020
 International Conference on IOT, Smart City & Applications (ICISCA 2020)
 International Conference on Formal Ontology in Information Systems (FOIS 2020)
 33rd International Conference on Legal Knowledge and Information Systems organised by the Foundation for Legal Knowledge Based Systems (JURIX 2020)
 AI Approaches to the Complexity of Legal Systems (AICOL 2020)
 6th Joint Ontology Workshops (JOWO)

- 2021 10th International Conference On Interoperability For Enterprise Systems And Applications (I-ESA2020)
 International Conference on Formal Ontology in Information Systems (FOIS 2020)
 International Conference on Biomedical Ontology (ICBO 2021)
 The Joint Ontology Workshops (JOWO 2021)
- 2022 12th International Conference on Formal Ontology in Information Systems (FOIS 2021)
 FOUST VI: Workshop on Foundational Ontologies, 2022
 15th Conference on Artificial General Intelligence (AGI-22), St Petersburg
 8th Joint Ontology Workshops (JOWO 2022), Sweden

STUDIES OF MY WORK

Videos

<https://www.youtube.com/watch?v=YMpANjJOYbg>

Festschrifts

Leo Zaibert (ed.), [The Theory and Practice of Ontology](#), London and New York: Palgrave/MacMillan, December 2016

This book provides close examination of ontology and the work of Professor Barry Smith, one of the most prolific philosophers of the modern day. In this book numerous scholars who have collaborated with Smith explore the various disciplines in which the impact of his work has been felt over the breadth of his career, including biology, computer science and informatics, cognitive science, economics, genetics, geography, law, neurology, and philosophy itself. While offering in-depth perspectives on ontology, the book also expands upon the breadth of Smith's influence. With insights from renowned and influential scholars from many different countries, this book is an informative and enlightening celebration of all Smith has contributed to numerous academic schools of thought.

Including contributions by Jonathan P. Bona, Berit Brogaard, Roberto Casati, Werner Ceusters, Maurizio Ferraris, Ingvar Johansson, David Koepsell, Kevin Mulligan, Alessandro Salice, Peter Simons, Mariam Thalos. [Achille Varzi](#)

Gloria Zúñiga y Postigo and Gerald J. Erion (eds.), [Barry Smith an sich](#) (*Cosmos + Taxis. Studies in Emergent Order and Organization*, 4 (4), June 2017).

Including contributions by Wolfgang Grassl, [Nicola Guarino](#), John T. Kearns, Rudolf Lütke, Luc Schneider, [Peter Simons](#), Jan Woleński, Wojciech Żelaniec

Conference sessions

A session on my work was organized at the Conference on Formal Ontology of the Japanese Phenomenological Society, 12 November 2006.

[Perspectives on Deontology from Early Phenomenology and Contemporary Philosophy. Workshop with Barry Smith](#), University of Geneva, July 6, 2016

[Metaphysics and Formal Ontology](#), Dynamis: Finnish Network of Metaphysics, Tampere, April 27, 2018

Special issues

[Oggetti Fiat](#), special issue of the journal *Rivista di Estetica*, 42 (2002), 90 pp.

[Human Behaviour Change Project](#), Wellcome Trust, 2020.

Monographs and dissertations

Nicolas F. Gier, 1981 *Wittgenstein and Phenomenology. A Comparative Study of the Later Wittgenstein, Husserl, Heidegger, and Merleau-Monty*, Albany: State University of New York Press.

Armin Burkhardt, 1986 *Soziale Akte, Sprechakte und Textilokutionen. A. Reinachs Rechtsphilosophie und die moderne Linguistik*, Tübingen: Niemeyer.

- Peter M. Simons, 1987 *Parts. A Study in Ontology*, Oxford: Clarendon Press.
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the term “ontology” is used in computer science to indicate a set of representational primitives with which to model a domain of knowledge or discourse. It was originally picked up from philosophy, but it quickly acquired a technical meaning that had everything to do with the structure of “object- directed” programming languages and little to do with the intricacies of metaphysics (Gruber, “A Translation Approach to Portable Ontology Specifications”). Some philosophers, most notably Barry Smith, have exploited the overlap in terminology so as to position metaphysics as an important source of inspiration and guidance in the construction of bio-ontologies (e.g., Smith and Ceusters, “Ontological Realism”). Smith effectively brought his own philosophical viewpoint to bear on the non-philosophical meaning assigned to the term by bioinformaticians, and his work is partly responsible for the interdisciplinary mingling that underpins the “mixed status” of the term “ontology.”

Umberto Eco 2014, *From the Tree to the Labyrinth*. Harvard University Press, 2014, pp. 57, 507.

The aspects that make ontologies interesting are highlighted by Smith (2003): (i) they do not pretend to be representations of the world but of our modes of conceptualization in given domains—sometimes representing also commonsense knowledge; (ii) therefore an ontology has nothing to do with questions of ontological realism and is a purely pragmatic undertaking; (iii) the entities present in an ontology possess only the properties represented in that structure (we would add that the others are narcotized because they are irrelevant to the specific universe of discourse). As Smith remarks, it is as if Hamlet, whose hair is not mentioned in Shakespeare’s tragedy, was neither bald nor nonbald, but instead was a man without properties as far as his hair was concerned.

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The seminal paper “Truth-Makers” (1984) by Kevin Mulligan, Peter Simons and Barry Smith started what can only be described as an industry of modern metaphysics, Truthmaker Theory—an industry that does not appear to have slowed down since the time of the papers’ original publication, but on the contrary seems to gain increasing momentum as time passes.

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I have also benefited enormously from years of conversations on various topics related to the ontology of mental phenomena with collaborators and members of the wider ontology community including, but not limited to, Rasmus Rosenberg Larsen Stefan Schulz, Werner Ceusters, Neil Otte, Nicolas le Novère, Jeanette Chacón, Mark Jensen and, most of all, Barry Smith. Smith's paradigm of applied ontology as a scientific tool, and his practical methodology of realism-based ontology development, have profoundly influenced my work for more than a decade since I first encountered these ideas. Although he is fond of saying that when he became an ontologist he ceased to be a philosopher, in my opinion, Smith's work continues to exemplify the best in philosophy, by offering a philosophy that stubbornly refuses to be insular but rather applies itself directly to real-world problems, and accepts the practical constraints that arise when trying to create solutions that genuinely have the power to change the world. It is a philosophy that cuts across all the traditional divisions between the domains of the humanities, the sciences and engineering, and thereby exemplifies the continued relevance of philosophy for the world we live in today.

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Still another institution should be mentioned, one that has played a significant role in contemporary philosophy. This is the Society for Austro-German Philosophy which came into existence in England in the latter half of the 1970s. The society consisted of three young English students of philosophy, each of them very competent in philosophy and filled with boundless energy and enthusiasm. Later known to many as "the Triumvirate," they are Kevin Mulligan, Peter Simons, and Barry Smith. They were concerned, as I had been, with the fact that a large part of the philosophical world was unaware of the great philosophical riches to be found in the Austro-German philosophy of the previous one hundred years. I was invited to become a member of the society and accepted at once. I first met the trio when, in 1979, I presented "The Benefactors Lectures" (later to be published as *The First Person*) before the Royal Institute of Philosophy in London.

The Austro-German Society had great success, organizing countless meetings throughout Europe, both east and west. I have attended many of these meetings. One that I especially recall, naturally, was a meeting on my philosophy at the University of Salzburg. One memorable meeting, in which both the society and the University of Graz were involved, was devoted to "The Philosophy of Christian von Ehrenfels" and took place at the Ehrenfels Schloss in Upper Austria.

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In the first section of this essay, we will turn to the arguments of Mulligan, Simons, and Smith in their now classic 1984 essay, "Truth-Makers." We will focus more precisely on what is argued to be a key advantage of adopting a truthmaker theory—namely, the separation between ontology and

logic that truthmaker theory presupposes. It is this separation that will provide the explanatory gap that is thought necessary to provide the constraints for our knowledge claims about the world, for without such a gap between propositions and the ontology that makes them true, we cannot say, so truthmaker theory argues, that our explanations extend to anything but other explanations rather than to the reality that is being explained.

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Guillaume Bucchioni, "[Le monisme matériel de Franz Brentano](#)", *Canadian Philosophical Review*, 58 (4), 2019, 653-675.

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Denis Fiset, "[Franz Brentano in Vienna](#)", in D. Fiset, G. Fréchet, F. Stadler (eds.), *Franz Brentano and Austrian Philosophy*, Vienna Circle Institute Yearbook, New York: Springer, 2020.

Philip Larrey, "[From Searle's Speech Acts to Smith's Truth-Makers](#)", Raffaella Giovagnoli and Robert Lowe (eds.), *The Logic of Social Practices*, New York: Springer, 2020, 37-48.

Konrad Werner, "[Enactment and construction of the cognitive niche: toward an ontology of the mind-world connection](#)", *Synthese* (2020) 197: 1313-1341.

Beckett Sterner, Joeri Witteveen, Nico Franz, "[Alternatives to Realist Consensus in Bio-Ontologies: Taxonomic Classification as a Basis for Data Discovery](#)", forthcoming.

Adolfo Americano Brandão and Geilson Loureiro, "[An Overview of the BFO - Basic Formal Ontology - and Its Applicability for Satellite Systems](#)", in: F.B.M. Tullio & L.M.B. Machado (eds.), *Ampliação e Aprofundamento de Conhecimentos nas Áreas das Engenharias*, Ponta Grossa, Brazil: Atena Editora, 2020, 30-38.

Beckett Sterner, Joeri Witteveen, Nico Franz, "[Coordinating dissent as an alternative to consensus classification: insights from systematics for bio-ontologies](#)", *History and Philosophy of the Life Sciences*, (May 10, 2020) 42:8.

Elselijn Kingma, "[Nine Months](#)", *The Journal of Medicine and Philosophy*, 45 (3), 2020, 371-386.

Rasmus Rosenberg Larsen and Janna Hastings, "[Mapping the patient's experience: An applied ontological framework for phenomenological psychopathology](#)", *Phenomenology and Mind*, 18 (2020), 200-219.

Nicola Piras, "[Fiat boundaries: how to fictionally carve nature at its joints](#)", *philing* 8(2), 2020, 85-106.

Stefano Moroni and Giuseppe Lorini, "[Multiple functions of drawings](#)", *Journal of Urban Design*, Published online: 18 Aug 2020.

Paolo Valore, M. G. Dainotti & Oskar Kopczyński, "[Ontological Categorizations and Selection Biases in Cosmology: The Case of Extra Galactic Objects](#)", *Foundations of Science* (2020)

Tadeusz Szubka, "[Michael Dummett o Filozofii Analitycznej](#)", *Bibliotheca Philosophica* (Lodz), 6, 2020, 109-119.

Timothy Tambassi, "[On the Content of Information Systems Ontologies](#)", *Acta Analytica*, April 2021.

Caterina Pietra, Roberto De Lotto, Rakan Bahshwan, "[Approaching Healthy City Ontology: First-Level Classes Definition Using BFO](#)", *Sustainability*, 2021, 13(24), 13844.

Oliver M. Lean, "[Are Bio-ontologies Metaphysical Theories?](#)", Forthcoming in *Synthese*, 2021.

Bartłomiej Skowron, [Część i całość. W stronę topoontologii](#). Warsaw University of Technology Press, 2021. Section 4.3.

Thomas Pradeu, Maël Lemoine, Mahdi Khelifaoui, Yves Gingras, "[Philosophy in Science: Can philosophers of science permeate through science and produce scientific knowledge?](#)", *The British Journal for the Philosophy of Science*, 2021. This paper, which is a study of the small segment of philosophers who publish philosophical work in science journals, contains the following passage:

On average, these philosophers had published 11.5 papers in scientific journals and 10.2 in philosophy of

science journals. Strikingly, 56 had published at least as many papers in science journals as in philosophy of science journals. Extreme examples include Barry Smith (26 times as many papers in scientific journals as in philosophy journals) and Jerome Wakefield (12.5 times as many papers in scientific journals).

Baptiste Le Bihan and Adrien Barton, "Analytic metaphysics versus naturalized metaphysics: the relevance of applied ontology," *Erkenntnis* 86.1 (2021): 21-37.

Thomas Pradeu, Mael Lemoine, Mahdi Khelifaoui and Yves Gingras, "[Philosophy in Science: Can philosophers of science permeate through science and produce scientific knowledge?](#)" *British Journal for the Philosophy of Science*, 2021, <https://doi.org/10.1086/715518>

We then identified highly interventionist philosophers of science, defined as those who had published at least five papers in scientific journals between 1977 and 2017. We identified 101 such philosophers of science. The majority (71) of these highly interventionist philosophers were not among the 100 most highly cited philosophers of science described above. On average, these philosophers had published 11.5 papers in scientific journals and 10.2 in philosophy of science journals. Strikingly, 56 had published at least as many papers in science journals as in philosophy of science journals. Extreme examples include Barry Smith (26 times as many papers in scientific journals as in philosophy journals) and Jerome Wakefield (12.5 times as many papers in scientific journals). The mean ratio in this group of 101 philosophers was 1.75 .

Anne Sophie Meincke, "One or two? A Process View of pregnancy", *Philosophical Studies* 179, 1495–1521 (2022).

Anders Søgaard, "[Understanding models understanding language](#)". *Synthese* 200, 443 (2022). <https://doi.org/10.1007/s11229-022-03931-4> Critique of Landgrebe and Smith, Making AI Meaningful Again

Sébastien Richard, "[Object and Something in General in Contemporary Formal Ontology](#)", in F. M. Zini (ed.), *The Meaning of Something*, Springer, 2022. 133-149. DOI: 10.1007/978-3-031-09610-5_6

Gildea, Niall. "'Fanciful associations': The Perverse Endurance of Derrida's [sic] 'logical phallusies'." *Critical Survey* 34.1 (2022): 87-101.

Asher Jiang, "[Truthmaking cannot be done afar](#)", *Synthese* 201, 73 (2023). <https://doi.org/10.1007/s11229-023-04052-2>

Suki Finn, "[The mereotopology of pregnancy](#)", *Journal of Medicine and Philosophy*, 15 April 2023, <https://doi.org/10.1093/jmp/jhad017>

Unpublished

Rafe Champion, [Karl Popper and Barry Smith on the Metaphysical Research Program of Austrian Realism and Carl Menger's Economics](#), Critical Rationalism Blog, 2017

Abdullah Kahtani, [A Case Study of the Gene Database Ontology](#), 2018

Mike Travers, [Politics and Pragmatism in Scientific Ontology Construction](#), 2018

Teaching

http://cs.calstatela.edu/wiki/index.php/Courses/CS_575/Winter_2011/Week_5_Feb_5

Lindley Darden, Fall Semester, University of Maryland, 2017

<https://user.phil.hhu.de/~bontcheva/WS1011.html>

<https://hobi.med.ufl.edu/wordpress/files/2020/09/GMS-7866-Spring-2019.pdf>

SOCIAL MEDIA

[HL7 Watch](#): HL7 (Health Level 7) is a collection of standards and proposals for healthcare-specific data exchange between computer applications. Considerable efforts are being invested by governments and industry to use HL7 as part of national health IT projects. Many claims are made on behalf of HL7 by its

advocates. The goal of this blog is to investigate the merits of these claims, and to provide some needed independent perspective on the HL7 project.

[Youtube](#) @BarrySmith

[Philosophical Installations](#)

[Universidad Francisco Marroquín](#)

[Publons](#)

PATENT APPLICATIONS

Ceusters W, Smith B, Manzoor S. R-6182 Referent Tracking. Provisional patent application filed by Hodgson Russ LLP under Docket No 011520.00632; Priority Application Serial No. 60/963,736 filed August 7, 2007

Ceusters W, Smith B, Manzoor S. Referent Tracking of Portions of Reality. Application filed by Heslin Rothenberg Farley & Mesiti P.C., Docket No. 1097.015A, August 6, 2008 ([USPA 2009055437](#))

PRESENTATIONS AT DEPARTMENTAL COLLOQUIA

- | | | |
|-----|------|--|
| Apr | 1977 | Institut für Philosophie, Rheinisch-Westfälische Technische Hochschule, Aachen ("Versuch einer Schichtenontologie") |
| Jun | 1981 | Institut für Philosophie, Universität Innsbruck ("Weininger und Wittgenstein")
Institut für Philosophie, Universität Salzburg ("Über die Kategorienlehre des Aristoteles")
Department of Philosophy, University of Edinburgh ("Husserl's Monadology") |
| Dec | 1982 | Department of Philosophy University of Edinburgh ("Husserl, Frege and the Theory of Meaning") |
| Jan | 1983 | Department of Philosophy, City University, London ("Mental Acts")
Department of Philosophy, University of Sheffield ("Is Intentionality a Relation?") |
| May | 1983 | Faculty of Philosophy, Cambridge University ("The Frege-Husserl Question") |
| Dec | 1983 | Institute of Linguistics, Hungarian Academy of Sciences, Budapest ("On the Foundations of Dependence Grammar") |
| Jan | 1984 | Department of Philosophy, Université de Liège ("The Logic of Wholes and Parts" and "On the History of the Theory of Speech Acts") |
| May | 1984 | Institut für Philosophie, Universität Hamburg ("Formalontologische Grundlagen der Phänomenologie Edmund Husserls")
Department of Philosophy, University of Oslo, May 25 ("Parts, Wholes and Structures, with special reference to the Foundations of Psychology") |
| Nov | 1984 | Department of Philosophy, University of Texas at Austin ("On a Theory of the A Priori")
Department of Philosophy, University of Dallas ("The Metaphysics of the Self")
Department of Philosophy, Stanford University ("A Theory of Indexicality") |
| Dec | 1984 | Università di Bologna, December 6 ("Husserl and the Ontology of Language") |
| May | 1985 | Académie de Paris ("Topology, Closure Algebras and Metaphysics") |
| Jan | 1986 | Department of Philosophy, Durham University, January 30 ("Austrian Origins of Logical Positivism") |
| Mar | 1986 | Department of Economics, George Mason University, Virginia, March 28 ("Hermeneutics and Economics") |
| Apr | 1986 | Department of Philosophy, Temple University, Philadelphia ("Indexicality and Perception")
Department of Philosophy, Catholic University, Washington, April 11 ("A Substitution Theory of Art")
Department of Economics, New York University ("Austrian Economics and Austrian Philosophy")
Department of Philosophy, SUNY at Buffalo, New York ("Brentano and Phenomenology")
Department of Philosophy, Brown University, Providence ("Indexicality and Things") |
| Jun | 1986 | Friedrich Naumann-Stiftung, Königswinter ("Österreichische Ökonomie und österreichische |

- Philosophie")
 Institut für Philosophie, Universität Mannheim ("Das Ich als Zeichen")
 Institut für Soziologie und Wissenschaftslehre, Universität Mannheim ("Zur Grundlegung der Sozialwissenschaften")
- May 1987 Institut für Philosophie, Universität Freiburg, Switzerland ("Die qualitative Physik: Ein philosophischer Beitrag zur Artificial-Intelligence-Debatte")
 Philosophische Gesellschaft, Fribourg, Switzerland, May 21 ("Die Aufgaben der Ontologie")
- Jun 1987 Institut für Philosophie, Universität Bochum, Germany, June 4 ("Kulturtheorie und Nationalökonomie")
- Sep 1987 Department of Philosophy, Indiana University, Bloomington, September 11-13 ("On the Peculiar Parts of Reality to which our Sentences Correspond")
- Dec 1987 Institut für Philosophie, Universität Salzburg, December 3 ("Sechs falsche Wahrheitstheorien")
 Institut für Philosophie, Universität Freiburg i. Br., December 9 ("Varianten des Idealismus")
- Feb 1988 Ludwig von Mises Institute, Auburn, Alabama ("The Austrianness of Austrian Economics")
 Department of Economics, Auburn University, Auburn, Alabama ("Philosophical Foundations of Austrian Economics")
 Graduate Seminar, Department of Philosophy, Indiana University, Bloomington ("Varieties of Atomism")
 Department of Philosophy, University of Iowa, Iowa City ("Notes on Ontology")
 Department of History, University of Iowa, Iowa City ("Metahistorical Reflections on Austria-Hungary")
 Department of Philosophy, Pennsylvania State University ("Phenomenology and the *A Priori*")
 Department of Philosophy, Duquesne University, Pittsburgh ("New Foundations for Metametaphysics")
 Institute for Humane Studies, Fairfax, Virginia ("Subjectivism and Objectivism in Economics")
 Center for Study of Market Process, Dept. of Economics, George Mason University ("Austrian Economics: Principles and Provocations")
- Mar 1988 Vereinigung für wissenschaftliche Grundlagenforschung, Graz, March 17 ("Eine Einführung in die Metametaphysik")
- May 1988 Department of Mathematics, University of Wrocław, Poland ("Two Concepts of the Continuum, with remarks on the Topology of Objects")
 Polish Philosophical Society, Cracow Division ("The Correspondence Theory of Truth: Aristotelian and Ingardenian Reflections")
 Department of Philosophy, University of Wrocław, Poland ("Constraints on Correspondence")
 Institut für Philosophie, Universität Innsbruck ("Wie vergleicht man metaphysische Systeme miteinander?")
 Faculty of History and Social Sciences, Università di Trento, Italy ("What is Truth?")
- Oct 1988 Department of Philosophy, University of Warwick ("What are works of art built for?")
 Internationale Akademie für Philosophie and Infor-Tele-Matik AG, Liechtenstein, 24 October ("Die Computer-Welt Beziehung. Bemerkungen über die Anwendung des Computers in der Technik")
- Nov 1988 Centre de Recherche en Epistémologie Appliquée, Paris, November 22 and 30 ("La sémantique formelle et les limites de la philosophie analytique" and "Deux perspectives sur les sciences cognitives: la physique phénoménologique et le solipsisme méthodologique")
 Centre d'Analyse et de Mathématiques sociales, Ecole des Hautes Etudes en Sciences Sociales, Paris, November 29 ("Les structures aristotéliennes-bretoniennes contre les constructions ensemblistes")
- Feb 1989 Faculty of Music, University of Manchester ("Schopenhauer, Music and the Will")
 Institute for the History and Philosophy of Science, King's College, London, February 8 ("Naive Physics and Phenomenology. A Guide for Robots")
- Apr 1989 Institut für Nationalökonomie, Universität Wien ("Die Österreichische Schule der Nationalökonomie: Philosophische und ökonomische Aspekte")
 Department of Philosophy, Rhode Island University ("A Correspondence Theory of

		Intentionality")
		Department of Philosophy, Rutgers University ("A Picture Theory of Universals")
May	1989	Department of the Philosophy of Science, University of Umeå ("The Languages of Philosophy" and "An Introduction to Metametaphysics")
Oct	1989	Department of Philosophy, Åbo Akademi, Åbo/Turku, Finland ("Contiguous Cultures: A Theory of Artistic Creativity")
Dec	1989	Seminar für Philosophie, Universität Braunschweig ("Die Telefaxmaschine des Aristoteles: Zur Wesensanalyse des philosophischen Kommentierens")
		Institut für Philosophie, Universität München ("Die Gattung Kommentar")
Jan	1990	Department of Philosophy, University of Liverpool ("Aristotle's Fax Machine")
		Department of Philosophy, SUNY Buffalo ("The Culture of the Philosophical Commentary")
Feb	1990	Department of Philosophy, Simon Fraser University, Vancouver ("An Ontological Theory of the <i>A Priori</i> ")
Apr	1990	Dipartimento di Filosofia, Università di Firenze ("Judgment and Truth in Husserl's <i>Logical Investigations</i> ")
Jun	1990	Institut de Philosophie, Université de Genève ("Structures of the Commonsense World")
Sep	1990	Institut für Philosophie, Åbo Akademi, Åbo/Turku, Finland ("The Is/Ought Distinction")
		Department of Philosophy, Turku University, Finland ("On the Obscure Origins of Speech Act Theory")
Oct	1990	Department of Philosophy, Joensuu University, Finland ("On Being a Work of Art" and "The Literary Forms of Philosophy")
Nov	1990	Institut für Philosophie, Universität Kiel ("Aristoteles und die Roboter")
		Institut für Nationalökonomie, Universität Innsbruck ("Apriorische Grundlagen der Sozialwissenschaften")
Dec	1990	Centro Studi per la Filosofia Mitteleuropea, Università di Trento ("The Theory of Austria")
Feb	1991	Cognitive Science Seminar, State University of New York at Buffalo ("Naive Physics")
May	1991	Institute of Philosophy of the Czechoslovak Academy of Sciences ("Jacques Derrida: Writing to Death")
		Department of Philosophy, Prague School of Economics ("Philosophical Foundations of Austrian Economics: From Franz Brentano to Friedrich Hayek")
Sep	1991	Buffalo Logic Colloquium, University at Buffalo ("What is Formal about Formal Logic?")
Oct	1991	Department of Philosophy, Charles University, Prague ("Kafka and the Philosophers")
Nov	1991	Department of Philosophy, University of Leiden, November 11 ("The Truth Shall Prevail: Philosophy and Political Change in Eastern Europe")
Jan	1992	Institut für Philosophie, Universität Innsbruck, January 16 ("Jacques Derrida: Zum Tode schreiben")
Feb	1992	Department of Philosophy, McMaster University, Hamilton, Canada ("Jacques Derrida: Writing to Death")
		Department of Philosophy, Southern Illinois University, Carbondale ("What is Wrong with Contemporary French Philosophy?")
May	1992	Institut für Philosophie, Universität Graz ("Common Sense schlägt zurück")
Jul	1992	Institut für Philosophie, Universität Konstanz ("Ontologische Spaziergänge")
Sep	1992	Cognitive Science Seminar, University at Buffalo ("Nativism", as Panel Member)
Oct	1992	Institut für Philosophie, Universität Innsbruck ("Apriorisches Wissen und künstliche Intelligenz")
Jan	1993	Buffalo Logic Colloquium, University at Buffalo ("Commentary on Corcoran")
Feb	1993	Buffalo Logic Colloquium, University at Buffalo ("States of Affairs")
		Cognitive Science Seminar, University at Buffalo ("Feminist Epistemology", as Panel Member)
		The German Language Society, German Embassy, Washington D.C. ("Philosophie, Politik und Revolution in Osteuropa")
		Department of Philosophy, University of North Carolina at Greensboro ("Facts")
		Department of Economics, New York University ("Carl Menger: On Apriorism in Austrian Economics")

- May 1993 Department of Philosophy, Turku University ("Formal Ontology and Knowledge Representation")
Vereinigung Vorarlberger Akademie, Bregenz ("Vernunft und Unvernunft im heutigen Denken" and "Das Denken im Zeitalter des Computers")
- Oct 1993 Graduiertenkolleg Kognitionswissenschaft, Universität Hamburg ("Formale Strukturen der Common-Sense Welt")
Institut für Philosophie, Universität Hamburg ("Sachverhalte als Wahrmacher")
- Dec 1993 Istituto per la Ricerca Scientifica e Tecnologia, Trento ("Formal Ontology and the Common-Sense World")
Department of Philosophy, University of Padua ("Truth: Part I" and "Truth: Part II")
Centro Interdipartimentale di Scienze Cognitive and Department of Psychology, University of Padua ("Gestalt Theory, Topology and Common Sense: Alternative Foundations for Cognitive Science")
- Feb 1994 Department of Philosophy, University of Tampere, Finland ("Husserl as Ontologist"),
Department of Philosophy, University of Helsinki, Finland ("Boundaries")
- Oct 1994 Buffalo Logic Colloquium, University at Buffalo ("Theories of the Continuum")
- Nov 1994 University of Iowa, Gustav Bergman Lecture ("The Glory and Misery of Twentieth-Century Philosophy: From Husserl to Derrida")
Department of Philosophy, University of Iowa ("Ontological Form")
Centre for Semiotic Studies, University of Aarhus, Denmark ("The Joints of Reality")
Department of Comparative Literature, University of Copenhagen, Denmark ("On Philosophical Styles")
- Dec 1994 Department of History, Canisius College, Buffalo ("Culture and Capitalism")
- Feb 1995 Department of Philosophy, University of Western Ontario, London, Ontario ("Brentano's Theory of the Continuum")
Department of Philosophy, University of Waterloo, Waterloo, Ontario ("Continental Philosophy: For and Against")
- Mar 1995 Institut für Ingenieurgeodäsie und Landesvermessung, Technische Universität, Wien ("Zur Kognition räumlicher Grenzen")
Department of History, University of Malta ("Philosophy and Political Change in Eastern Europe")
- Apr 1995 The Creighton Club, New York State Philosophical Association, 140th Meeting, Skaneateles, NY ("Rejoinder to Hardin on Spectrum Inversion")
State University College at Geneseo, NY ("The Identity Theory of Truth")
Institute of Psychology, University of Amsterdam ("Topological Foundations of Cognitive Science")
- May 1995 Department of Philosophy, Marii Curie-Sklodowskiej Uniwersita Lublin ("What is the Visual Field?")
Department of Philosophy, Catholic University of Lublin ("The Identity Theory of Truth")
Department of Philosophy, Catholic University of Lublin ("Foundations of Cognitive Science: From Connectionism to Ontological Engineering")
Conversatorium in Cognition Science, Nicholas Copernicus University of Torun ("What is the Visible Field?")
Department of Logic, Nicholas Copernicus University of Torun ("Non-Standard Theories of the Continuum")
Department of Philosophy, University of Torun ("The End of Postmodernism")
Polish Philosophical Society, Institute of Philosophy, Warsaw University ("Why Polish Philosophy Does Not Exist")
Department of Philosophy, Jagiellonian University ("What is the Visual Field?", "The Identity Theory of Truth", "The Scandal of 'Continental Philosophy'" and "How to Refute Idealism")
- Jun 1995 Ludwig von Mises University, Auburn University, Auburn, Alabama ("Mises and Austrian Philosophy" and "Theory and History")
- Sep 1995 Hungarian Philosophical Association, Budapest ("What is Post-modernism?")

- Nov 1995 Symposium on Michael Tye, Department of Philosophy, University at Buffalo ("Ten Problems of Consciousness")
- Feb 1996 Public Lecture, Technical University, Vienna ("Philosophie für Ingenieure")
Honors Seminar, Canisius High School, Buffalo ("On the Causes of War")
Department of Philosophy, University at Buffalo ("Bosnia: The Cognitive Geometry of War")
Ludwig von Mises Institute, Auburn University, Auburn, Alabama ("Bosnia: The Cognitive Geometry of War")
Department of Philosophy, Auburn University, Auburn, Alabama, February 21 ("Boundaries: A Hitherto Neglected Metaphysical Categories")
Department of Philosophy, Emory University, Atlanta, February 22 ("Husserlian Foundations of Social Ontology")
Buffalo Dictionary Project, Logic Colloquium, University at Buffalo ("Propositions and States of Affairs")
Cognitive Science Colloquium, University at Buffalo ("Ontological Foundations of Geographic Information Systems", with David Mark)
- Mar 1996 Department of Computer Science, University of Leeds ("Types of Boundary in Geographic Space")
- Mar 1996 Department of Philosophy, University of Leeds ("On War, Social Ontology and Organic Unity")
- Mar 1996 Department of Philosophy, University of Liverpool, March 18 ("On Mental Maps and the Evolution of Human Territoriality")
- Apr 1996 Department of Philosophy, University of Texas at Austin, April 22 ("Feminist Philosophy, Post-Modernism and the Deconstruction of the University")
Political Science Honor Society, Canisius College, Buffalo, April 30 ("Political Correctness in Perspective")
- Jul 1996 Department of Geography and National Center for Geographic Information and Analysis, State University of New York at Buffalo, July 16 ("The Metaphysics of Real Estate")
Spatial Cognition Research Group, University of California at Santa Barbara ("Introduction to Cognitive Linguistics")
Center for Economic Personalism, Acton Institute, Grand Rapids, Michigan ("Austrian Philosophy")
- Aug 1996 Ludwig von Mises University, Auburn University, Auburn, Alabama, August 10-17 (Four plenary lectures under the title: "Philosophy for Austrian Economists")
- Sep 1996 New York Association of Scholars, New York, September 20 ("What is Postmodernism?")
- Oct 1996 Department of Philosophy, Texas Tech University, Lubbock, Texas ("The Metaphysics of Real Estate")
Philosophy Club, Texas Tech, Lubbock, Texas, October 3 ("On the Origins of War")
- Oct 1996 Department of Philosophy, York University, Toronto ("Categories Deep and Superficial")
Department of Philosophy, University at Buffalo, October 22 ("Die erkenntnistheoretische Aufspaltung der Welt (mit Bemerkungen zur kognitiven Linguistik)")
Departments of Philosophy and Sociology, SUNY Potsdam, October 24 ("What is Postmodernism?")
- Nov 1996 Seminar für Philosophie, Universität Basel ("Die erkenntnistheoretische Aufspaltung der Welt")
Department of Political Science, University of Olomouc, Czech Republic ("Sovereignty and Property Rights")
Public Lecture Sponsored by the Sonderforschungsbereich Moderne of the Fonds zur Förderung der wissenschaftlichen Forschung and the University of Graz, Austria ("Moderne vs. Post-Moderne")
- Jan 1997 Department of Geography, SUNY Buffalo, January 24 ("On the Varieties of Boundaries")
- Feb 1997 Honors Seminar, Canisius High School, Buffalo ("Paradoxes")
Department of Economics, New York University, New York ("The Metaphysics of Real Estate")
Department of Philosophy, Rochester Institute of Technology, Rochester, NY, February 12 ("Libertarianism, Monarchy, and Property Rights")
University of Malta Foundation for International Studies, Valletta, Malta, February 18-22 ("The

- Geometry of War")
Philosophy Club, University of Malta ("Common Sense: A Guide for Robots")
- Mar 1997 Department of Philosophy, Abo Academy, Abo/Turku, Finland ("The Adaptation Theory of Truth")
Department of Philosophy, Turku University, Turku, Finland, March 12 ("New Directions in Applied Metaphysics")
- May 1997 Department of Philosophy, SUNY Binghamton, May 2 ("What is Postmodern Philosophy?")
Centre pour la Recherche en Epistemologie Appliquée (CREA), Ecole Polytechnique, Paris ("J. J. Gibson: The Adaptation Theory of Truth")
- Jul 1997 The Sullivan Policy Institute, Rochester, New York ("Higher Education and Its Problems")
- Sep 1997 Department of Philosophy, University of Helsinki ("Paradoxes of Contact and Separation")
- Oct 1997 Public Lecture, James Madison University, Harrisonburg, Virginia, October 23 (as Distinguished Visiting Scholar) ("The State as Work of Art")
- Nov 1997 Philosophisches Institut, Universität Düsseldorf, November 19 ("Ontologie des Mesokosmos: Soziale Objekte und Umwelten")
Institut für Philosophie, Universität Würzburg ("Ontologie des Mesokosmos: Soziale Objekte und Umwelten")
Institut für Philosophie, Universität Bamberg ("Ontologie des Mesokosmos: Soziale Objekte und Umwelten")
- Feb 1998 Institut für Geoinformatik, Universität Münster, February 26 ("Versuch einer vollständigen Ontologie geographischer Gegenstände")
- Mar 1998 UNIWorld/Hungarian Academy of Sciences, Budapest, March 1998 ("Philosophy on the Internet")
- Apr 1998 University of Albany, Public Lecture, April 16 ("What is Postmodernism?")
Center for Cognitive Science, University at Buffalo (Tutorial on John Searle, *The Construction of Social Reality*)
Presentation to the Academic Standards Committee of the Board of Trustees of the State University of New York ("SUNY's Core Curriculum")
Department of Philosophy, University of Wisconsin at Green Bay, April 30 ("Ecological Foundations of Cognitive Science")
- May 1998 Philosophy House, University of Wisconsin at Green Bay ("In Defense of Applied Philosophy")
Alfred State University, Honors Convocation, Keynote Lecture ("Common Sense: A Guide for Robots")
- Jul 1998 Department of Philosophy, University of Guelph, Ontario ("Metaphysical Foundations of Biology" and "Husserl and the Theory of Part and Whole")
Department of Philosophy, University of New England, Armidale, Australia, July 23 ("The Niche")
Department of Philosophy, University of Sydney, July 27 ("The Niche")
Department of Philosophy, University of Queensland, Brisbane ("The Niche")
Department of Philosophy, Research School of Social Sciences, Australian National University, Canberra, Australia ("The Niche")
Center for Mathematical and Information Sciences, Commonwealth Scientific and Industrial Research Organisation, Canberra, Australia ("New Directions in Ontological Engineering")
Australian Defence Forces Academy, Canberra, Australia ("The Geometry of War")
- Aug 1998 Buffalo Socratic Society, Buffalo, NY, August 28 ("Truthmaker Realism")
- Sep 1998 Cognitive Science Center, University at Buffalo, September 23 ("Cognition, Ontology and Geographic Information Science", with David Mark)
- Oct 1998 The Greats Speaker Series, Department of Philosophy and Religious Studies, Buffalo State College, October 6 ("Ethnic Cleansing")
Erasmus Institute for Philosophy and Economics, University of Rotterdam, Netherlands ("Social Ontology")
- Nov 1998 Department of Comparative Literature, University of Copenhagen ("Kafka and the Philosophers")

Center for Semiotic Studies, University of Aarhus, November 5 (“An Ecological Theory of Social Objects”)

Department of Philosophy, McMaster University, Ontario, Canada (“Truthmaker Realism”)

Department of Geography, Virginia Tech, Blacksburg, VA (“Buffalo’s IGERT Program in Geographic Information Science”)

Department of Philosophy, Emory and Henry College, Emory, VA (“Why Go to Graduate School?”)

Department of Philosophy, East Tennessee State University, Johnson City, TN (“Why Go to Graduate School?”)

Jan 1999 Department of Philosophy, Hebrew University, Jerusalem, January 5 (“The Niche”)

Center for Cognitive Science, Tel Aviv University, Israel (“On the Cognition of Geographic Kinds”)

Department of Philosophy, Tel Aviv University, Israel (“Truthmaker Realism”)

Feb 1999 Department of Philosophy, University at Buffalo, February 25 (“Meme Combat”)

Mar 1999 Philosophy Club, University of Malta (“What is Postmodernism”)

Department of Philosophy, University of Malta (“Physics, Mereology and Vagueness”)

Jun 1999 Institut für Philosophie, University of Mainz, Germany (“Die ganze Welt ist eine Bühne: Zur Ökologie und Ontologie menschlicher und tierischer Lebenswelt”)

Institut für Philosophie, University of Koblenz, Germany, June 16 (“Die ganze Welt ist eine Bühne: Zur Ökologie und Ontologie menschlicher und tierischer Lebenswelt”)

Department of Philosophy, University of Padua, June 21 (“Truth as an Internal Relation”)

Istituto per Ricerche di Dinamica dei Sistemi e di Bioingegneria, Consiglio Nazionale delle Ricerche, Padua (“Hills, Bays and Body Parts: Recent Research on Geographic Ontology”)

Faculty of History and Social Sciences, Università di Trento, Italy, June 24 (“Social Objects”)

Sep 1999 Buffalo Socratic Society, Buffalo, NY, September 15 (“What is a Substance?”)

Oct 1999 Royal Military College of Canada, Ottawa (“The Cognitive Geometry of War”)

Department of Philosophy, University of Toronto (“On Wombs, Beaver Dams and Spaceships: An Ontology of Organism-Niche Relationships”)

Tanner Humanities Center, University of Utah, October 21 (“Embodied Reason”, Seminar with Mark Johnson)

Department of Philosophy, University of Utah, October 22 (“The Analytic-Continental Divide”)

Ellis Lecture, Department of Philosophy, Weber State University, Utah (“Foreign Bodies”)

Department of Geography, University of Utah (“Ontological Engineering and Geographic Information Science”)

Nov 1999 Department of Philosophy, University at Buffalo (“Should the Baby Live?”, Panel on the Philosophy of Peter Singer)

Dec 1999 Hamburger Kreis, Universität Hamburg (“Die ganze Welt ist eine Bühne”)

Jan 2000 Seminar für Philosophie, Universität Hamburg (“Meinong und die Phantasie-Maschine”)

Feb 2000 Graduiertenkolleg Kognitionswissenschaft, Universität Hamburg (“Gegenstände und ihre Umwelten: Der ökologische Ansatz in der wissenschaftlichen Philosophie”)

Institut für Philosophie, Universität Salzburg (“Ein neues Kategoriensystem für die Wissenschafts-theorie”)

Mar 2000 Vorarlberger Industriellenvereinigung, Feldkirch, Austria, March 15 (“Ein Plädoyer für den Kapitalismus”)

Department of Philosophy, Catholic University of Lublin, Poland (“Mereology and Quantum Mechanics”)

Department of Philosophy, Marii Curie-Sklodowskiej Universita, Lublin, Poland (“Meinong and the Phantasy-Machine”)

Apr 2000 European Media Lab, Villa Bosch, Heidelberg (“Ontology: Philosophical and Computational”)

Nov 2000 Hungarian Academy of Sciences and University of Budapest, November 13 (“Common Sense and Quantum Mechanics”)

Institut für Philosophie, Universität Graz, November 14-15 (“Referenz und Wahrheit” and “Aristoteles, das Internet und die neue Physik”)

- Universität München, Ringvorlesung (Public Lecture) in the series *Kann man heute noch etwas anfangen mit Aristoteles?*, November 20 (“Aristoteles und die vernetzte Welt”)
- Jan 2001 Institut für Philosophie, Universität Erfurt, November 21 (“Referenz und Wahrheit”)
- Institut für Philosophie, Universität Düsseldorf (“Embryontology” and “Aristoteles, das Internet und die neue Physik”)
- Institut für allgemeine Sprachwissenschaft, Universität Düsseldorf (“Semantik für Realisten”)
- Center for Cognitive Science, University at Buffalo, January 24 (“The Windowing of Attention in Pictures”)
- Feb 2001 Institut für Philosophie, Universität Köln, February 7 (“Intentionalität als Projektion”)
- Apr 2001 Center for Cognitive Science, University at Buffalo, April 4 (“Geographic Objects and Their Categories”, with David Mark)
- Department of Philosophy, SUNY Brockport, April 12 (“The Meaning of Life”, with Berit Brogaard)
- Jun 2001 Instituto de Investigaciones Filosóficas, UNAM, Mexico City, June 6 (“The Meaning of Life”)
- Aug 2001 Liberty and Morality Advanced Seminar, Foundation for Economic Education, Irvington NY, August 4-9 (“Liberty and the Meaning of Life”, “Morality and the Meaning of Life”)
- Department of Philosophy, University at Buffalo, August 30 (“The Meaning of Life”)
- Sep 2001 Department of Economics, George Mason University, September 7 (“Capitalism and the Meaning of Life”)
- Oct 2001 Buffalo IGERT Program Workshop on Categories, October 26-27 (“Geographic Categories”, with David Mark)
- Nov 2001 Buffalo Logic Colloquium (“Granular Partitions”)
- Jan 2002 Institute for Logic and Philosophy of Science and Institute for Philosophy, University of Leipzig, January 17 (“Ontologische Grundlagen der Informationswissenschaft”)
- Institut für Informatik und Graduiertenkolleg Wissensrepräsentation, University of Leipzig (“Granularität und Wissensrepräsentation”)
- Feb 2002 Buffalo Ontology Group, Department of Philosophy, University at Buffalo (“Towards a General Upper Ontology”)
- History of Ideas Group, Department of Comparative Literature, University at Buffalo (“The Essence of the West”)
- Department of Philosophy, University at Buffalo, February 28 (“Searle’s Ontology of Social Reality: Its Glory and Its Misery”)
- Apr 2002 Institut für Logik und Wissenschaftstheorie, Universität Leipzig (“Das glorreiche Scheitern des naturalistischen Ansatzes in der Ontologie der sozialen Wirklichkeit John Searles”)
- Colloque du ESCP-EAP, Paris (“Definitions of Terrorism”)
- Centre de Recherche en Philosophie économique, ESCP, Paris, April 11 (“The War Against the West”)
- CREA, Paris, April 12 (“Truth, Reference and Vagueness”)
- Public Lecture Series: Terror and The War Against Terror, University of Leipzig, April 23 (“Kamikaze und der Westen”)
- May 2002 Faculty of Information Science and Statistics, Prague University of Economics, May 15 (“Ontology as Master Discipline of Information Science”)
- Department of Philosophy, Marii Curie-Sklodowskiej Uniwersita, Lublin, Poland (“A Unified Theory of Vagueness and Granularity”)
- Institut für Philosophie, Universität Bonn (“Wie testet man eine philosophische Theorie empirisch?”)
- Jun 2002 Philosophisches Kolloquium, Universität Leipzig, June 26 (“Was ist Wahrheit?”)
- Jul 2002 Lehrstuhl für Volkswirtschaftslehre und Institut für Philosophie, Universität Würzburg, July 2 (“Vom Sinn des Lebens. Versuch einer Definition”)
- Department of Philosophy, University of Lisbon, Portugal, July 16 (“[How to Test a Philosophical Theory Empirically](#)”)
- Institut für Wirtschaftsinformatik, Universität Koblenz, July 23 (“[An Application of Basic Formal Ontology to the Ontology of Services and Commodities](#)”)

- Oct 2002 Wolfgang Paul Prize Presentation, University of Leipzig (“Was ist Gesundheit?–und andere ontologische Fragen”)
- Nov 2002 Cognitive Science Seminar, University at Buffalo (“SNAP and SPAN”)
Department of Philosophy, Calvin College, Grand Rapids, Michigan, November 11 (“Morality, Happiness and the Meaning of Life”)
Acton Institute, Grand Rapids, Michigan (“What is to be done? On Achievements and the Social Web of Meaning”)
- Dec 2002 Laboratory of Applied Ontology (ISTC-CNR), Trento, Italy, December 9-11 (A series of six lectures on the “[Ontology of Law, Economics and Human Interaction](#)”, organized as part of the opening ceremonies of the new Institute for Cognitive Science and Technology of the Italian National Research Council)
- Jan 2003 Department of Computing, Imperial College, London (“Formal Ontology and Information Systems”)
- Feb 2003 Buffalo Ontology Group, Department of Philosophy, University at Buffalo (“Against Fantology”)
University at Buffalo School of Management-School of Informatics Joint Study Group (“Ontology in Buffalo”)
- Mar 2003 Department of Philosophy, Georgetown University, Washington DC, March 21 (“The Meaning of Life and the Measure of Civilizations”)
- Apr 2003 Institut für Philosophie, Universität Leipzig, April (“Pro und Contra Iraq-Krieg”)
- May 2003 Kolloquium zur praktischen Philosophie, Universität Leipzig, May (“Vielfalt des Libertarismus”)
Department of Linguistics, Copenhagen Business School (“The IFOMIS Project”)
- Jun 2003 Public Lecture, Medical Faculty, University of Leipzig (“Ontologie und die Vereinheitlichung medizinischen Wissens”)
Department of Philosophy, University of Geneva (“Truthmakers: The Extension of a Property”)
- Jul 2003 Institute for Cognitive Systems, University of Bremen (“Towards Geodynamic Ontology”)
Public Lecture, University of Medical Informatics Tyrol (“Ontologie und die Integration des medizinischen Wissens”)
- Nov 2003 Graduate School of Human and Environmental Studies, Kyoto University (“Kamikaze and the West”)
Bioinformatics Center, Institute for Chemical Research, Kyoto University, Japan (“On the Proper Treatment of Classes in Biomedical Informatics”)
Center for Philosophical Studies, University of Tokyo (“From Aristotle to Husserl: Towards an Ontology of Environments”)
- Dec 2003 Centro Interuniversitario di Ontologia Teorica e Applicata, Dipartimento di Filosofia, Università di Torino (“On Searle’s Social Ontology”)
Research Group in Uniform Terminology for European Private Law, Dipartimento di Scienze Giuridiche, Università di Torino (“Ontologies in Law and Medicine”)
- Jan 2004 Department of Medical Informatics, University of Freiburg (“Biomedizinische Ontologien. Die Arbeit des IFOMIS-Instituts”)
- Feb 2004 National Cancer Institute, Bethesda MD (“Formal Principles of Biomedical Ontologies”)
National Library of Medicine, Bethesda MD (“Medical FactNet”)
Department of Philosophy, Monash University, Melbourne, Australia (“The Metaphysics of Medicine”)
- Mar 2004 Department of Information Systems, University of Melbourne, Australia (“The Ecological Approach to Information Processing”)
Department of Computer Science, Deakin University, Geelong, Australia (“Basic Formal Ontology”)
Department of Philosophy, University of Melbourne, Australia (“The Gene Ontology”)
Logic Colloquium, University of Melbourne, Australia (“The Logic of Biological Classification”)
Department of Information Systems, University of Melbourne, Australia, March 5 (“The Semantic Web”)
- Apr 2004 Department of Philosophy, University at Buffalo (“The Gene Ontology”)
SNERG Research Group, Department of Computer Science and Engineering, University at

- Buffalo, April 23 (“Medical FactNet: A New Methodology for the Construction and Validation of Information Resources for Consumer Health”)
- Jun 2004 Department of Biological Structure, Faculty of Medicine, University of Washington, Seattle (“SNAP and SPAN: From the Foundational Model of Anatomy to the Physiology Reference Ontology”)
Department of Philosophy and Department of Linguistics, Saarland University (“Prospects for Biomedical Ontology: From Aristotle to the Human Genome Project”)
- Jul 2004 Max Planck Institute for Mathematics in the Sciences, Leipzig, July 26 (“Classes and Classification in Biology”)
- Oct 2004 Buffalo Logic Colloquium, October 14 (“The Logic of Biological Classification”)
- Dec 2004 Bioinformatics Group, RIKEN Genomic Sciences Center and Tokyo Institute of Technology, Tokyo, December 2 (“On Relations in Biological Ontologies”)
- Jan 2005 Department of Computer Science, University of Manchester, January 17 (“Ontologies: The Next Generation”)
Institut für Philosophie, Saarland University, Germany, January 25 (“Aristoteles 2005, oder: Was die Metaphysik zur heutigen Biomedizin beitragen kann”)
- Mar 2005 Graduate School, University at Buffalo, Research Ethics Seminar, March 3 (“International Standard Bad Philosophy”)
College of Arts and Sciences, University at Buffalo, Cutting Edge Lecture Series, March 5 (“Tracking the Human Genome”)
- May 2005 Forum: Neue Methoden und Verfahren der Informationsverarbeitung im Gesundheitswesen, Lehrstuhl für Medizinische Informatik, Universität Erlangen, May 31 (“Die Ontologie biomedizinischer Daten”)
- Jun 2005 LabOnt (Laboratory for Applied Ontology), University of Turin, June 20 (“The Ontology of Documents”, [Video](#))
- Sep 2005 Department of Oral Biology, University at Buffalo School of Dental Medicine, September 29 (“Referent Tracking: What it is, and Why we need it.”)
Presidential Fellows and Dean’s Scholars 2005-2006, College of Arts and Sciences, University at Buffalo, September 29 (“Africa!”)
- Oct 2005 Workshop on Ontologies, Department of Philosophy, University at Buffalo, 1 October 2005 (“The Ontology of Documents”)
Dean’s Advisory Council, College of Arts and Sciences, University at Buffalo, 7 October 2005 (“A Philosopher’s Vision for the Future of Healthcare”)
- Nov 2005 Center for Education and Research in Information Assurance and Security (CERIAS), Purdue University, West Lafayette, November 2 (“The Ontology of Documents and the Technologies of Identification”)
Regenstrief Institute, Indianapolis, November 9 (“HL7 RIM: Exegesis and Critique”)
School of Informatics, Indiana University, Indianapolis, November 9 (“Biomedical Ontologies: The Good, the Bad and the Ugly”)
Department of Computer Science, University of Essex, UK, November 16 (“Why Computer Science Needs Philosophy”)
CHIME, University College London, UK, November 17 (“HL7 RIM: An Ontological Analysis”)
- Dec 2005 Center for Inquiry, Amherst, NY, December 16 (“Universals of Human Behavior: From Adam Smith to Africa”)
- Jan 2006 Bolton School, Bolton, UK, January 30 (“Why All Science is Computer Science”)
- Feb 2006 IGERT Seminar, National Center for Geographic Information and Analysis, University at Buffalo, 17 February 2006 (“Measuring Fields: A Theory of Quantities”)
Department of Oral Biology, School of Dental Medicine, University at Buffalo, February 20 (“The Mouth”)
Seminar on Property Rights and Economic Development, Law School, February 22, University at Buffalo (“Legal Ontology and the Tanzania Project”)
- Jun 2006 Institut de biologie moléculaire et cellulaire du CNRS, Université Louis Pasteur, Strasbourg, France, June 7 (“The Future of Ontologies in Biomedical Research”)
- Sep 2006 Norwegian Center for Electronic Health Records, Norwegian University of Science and

Technology, Trondheim, September 18 (“The Nature of Disease: Future Pathways in Biomedical Ontology”), September 19 (“Clinical Coding and Terminologies: The Past and the Future”)

Norwegian Health Informatics Centre, Norwegian University of Science and Technology, Trondheim, September 18 (“A General Introduction to Biomedical Ontology”, “How Ontologies Create Research Communities”)

Department of Computer and Information Science, Norwegian University of Science and Technology, Trondheim, September 19 (“Critical Comments on ISO Standard 15926”)

Oct 2006 Center for Cognitive Science, University at Buffalo, NY, October 11 (“[Why I am Not a Philosopher](#)”; [slides](#) and [video](#) from November 2018 version of this talk)

Duke University School of Medicine, October 31 (“How Ontologies Create Research Communities”)

Nov 2006 Duke University Department of Biostatistics and Bioinformatics, November 1 (“The Ontology of Experiments”)

Dec 2006 Faculty of Computer Science, Free University of Bolzano, December 4-5 (“The OBO Foundry”, “The OBO Relation Ontology”, “Towards a Reference Terminology for Talking about Ontologies and Related Artifacts”)

BIT Lecture, Faculties of Computer Science, Universities of Bolzano, Innsbruck and Trento, December 5 (“Ontology Development for Commercial and for Natural Science Domains”)

Feb. 2007 Center of Excellence in Bioinformatics and Life Sciences, University at Buffalo, February 14 (“The Ontology Research Group”)

Mar. 2007 Department of Biostatistics, Bioinformatics, & Epidemiology, Medical University of South Carolina, Charleston, March 5 (“The Future of Health Information”)

Apr 2007 Department of Philosophy, University of Utrecht, April 2 (“Languages of Medicine”, “Logical Tools and Theories in Contemporary Bioinformatics”)

National Center for Integrative Biomedical Informatics, University of Michigan, April 12 (“The OBO Foundry: Towards Gold Standard Terminology Resources in the Biomedical Domain”)

Department of Philosophy, University of Paderborn, April 19, 2007 (“Sprechakte und Dokumentakte”)

May 2007 Cognigen Corporation, Amherst NY, May 9 (“Data Standardization and the FDA Approval Process”)

Department of Clinical Sciences, University of Texas Southwestern Medical Center, Dallas, May 24 (“Re-Engineering the Discipline of Clinical and Translational Science: Ontology for Clinical Investigations”)

Jun 2007 Duke Clinical Research Institute, Duke University Medical School, Durham NC, June 6 (“The Problem of Reusability of Biomedical Data: OBO Foundry & HL7 RIM”)

Aug 2007 Institute for Computational Biomedicine, Weill Medical College of Cornell University, New York, August 13 (“The OBO Foundry: Coordinated Evolution of Ontologies to Support Biomedical Data Integration”)

Protein Data Bank, Research Collaboratory for Structural Bioinformatics, Rutgers University and (remotely) University of California at San Diego, August 20 (“The OBO Foundry”)

University at Buffalo NSF IGERT Orientation, Letchworth Park, August 21-22 (“Introduction to (Geo)Ontology”)

Sep 2007 Charles R. Bronfman Institute for Personalized Medicine, Mount Sinai School of Medicine, New York, September 4 (“Ontologies for Clinical and Translational Medicine”)

Oct 2007 SAP, Walldorf, Germany, October 4 (“Achieving Interoperability”)

NCBO Seminar Series, Stanford University (online presentation), October 9 (“Results of the Infectious Disease Ontology Meeting”)

Nov 2007 Buffalo City-Wide Grand Rounds, UB Center for Clinical Ethics, November 19 (“The Future of Biomedical Informatics”)

Mount Sinai School of Medicine, New York, November 26 (“First Steps Towards an Ontology for Community-Based Medicine”)

Jan 2008 Buffalo IGERT Colloquium, January 25 (“The Environment Ontology and the GAZ: An Open Source Gazetteer built on Ontological Principles”)

Mar 2008 New York State Center of Excellence in Bioinformatics and Life Sciences, March 19 ("Using Ontologies for Annotation of Genomic Data")

Apr 2008 Legal Theory Group, Baldy Center for Law and Social Policy, School of Law, University at Buffalo, April 23 ("Ontology of Law")
Central Intelligence Agency, Langley, VA, April 30 ("Sharing Data: Lessons from Biomedical Ontology")

Aug 2008 Division of Biomedical Informatics, Department of Clinical Science, University of Texas Southwestern Medical Center, Dallas, August 29 ("HL7 RIM: A Critical Survey")

Oct 2008 Center for Semiotic Studies, University of Aarhus, Denmark, October 7 ("Ontology (Science) vs. Ontology (Engineering)" and "Depicting Reality")

Feb 2009 Department of Philosophy, University at Buffalo, February 5 ("The Future of Ontology in Buffalo")
Mitre Corp., McLean, VA, February 10 ("Technical Briefing: UCore-Semantic Layer")
Institute of Scientific and Industrial Research, Osaka University, February 24 ("Towards a Standard Upper-Level Ontology")
National Center for Biomedical Ontology, Stanford University, March 24-25 ("NCBO: A Vision for the Future")

Apr 2009 Presentation to Leadership of Long Island Jewish North Shore Health System, New York State Center of Excellence in Bioinformatics and Life Sciences, April 24 ("The Gene Ontology and Beyond")

Feb 2010 Buffalo IGERT Colloquium, February 12 ("How to Build an Environment Ontology")
Lecture to BCH 502: Genome Annotation – Halfon Honors Seminar, February 23 ("An Introduction to the Gene Ontology")

Mar 2010 Instituto de Seguridad Social del Estado de México y Municipios (ISSEMyM), Toluco, Mexico, March 23 ("Referent Tracking and the Electronic Health Record")

Apr 2010 Department of Philosophy and Swiss National Research Competence Center for Affective Sciences, University of Geneva, April 21 ("The Ontology of Collateralized Debt Obligations and the Metaphysics of the Current Economic Crisis")

May 2010 National Center for Biomedical Ontology, Stanford University, Stanford, CA, May 5 ("What developers need to know about ontologies")

Jun 2010 Intelligence and Information Warfare Directorate, Communications-Electronics Research, Development and Engineering Center (CERDEC), Fort Monmouth, NJ, June 3 ("Strategies for Developing Consistent Community of Interest Supported Data Extensions")

Jul 2010 CUBRC, Buffalo, July 14 ("Ontology in Buffalo: July 2010")

Sep 2010 South African Council of Scientific and Industrial Research (CSIR), Pretoria, September 15 ("Ontology: the why and how explained")
Department of Computer Science and Engineering, University at Buffalo, September 30 ("Ontological Engineering")

Oct 2010 Department of Philosophy, Union College, Schenectady, NY, October 21 ("Towards an Ontology of Documents")

Jan 2011 Applied Ontology Group, University at Buffalo, January 17 ("Basic Formal Ontology (BFO) 2.0")

Mar 2011 Department of Philosophy, University at Buffalo, March 11 ("How to Publish a Philosophy Paper")

Aug 2011 University of California at Merced, Cognitive and Information Science, August 28 ("[Environments Inside and Outside the Organism](#)")

Sep 2011 Department of Philosophy, University at Buffalo, September 2 ("Defining Emotions")
Space and Naval Warfare (SPAWAR) Systems Command, Systems Center Atlantic, Technical Brief, September 23 ("Semantic Technology and Its Practical Implications")

Mar 2012 Department of Orthopedics and Sports Medicine, University at Buffalo, March 6 ("Concussion ontology")

Sep 2012 University at Buffalo Philosophy Department Lunchtime Talks, September 14 ("Truthmakers for Time Series Graphs")
Department of Computer Science, Brunel University, London, England, September 20 ("BFO

		and Disease”)
		Buffalo Logic Colloquium, University at Buffalo, September 27 (“ How to Do Things with Diagrams ”)
Oct	2012	Buffalo PANTC Colloquium, October 16 (“Discussion of 16 Days”)
Nov	2012	UB Clinical/Research Ethics Seminar. Buffalo General Medical Center, November 20 (“ Ethics, Informatics and Obamacare ”)
Jan	2013	National Center for Biomedical Ontology (NCBO) Webinar, January 16 (“ HL7: An Ontologist's Guide ”)
		Institut für Geoinformatik, University of Münster, Germany, January 30 (“ Massively Shared Social Agency ”)
Feb	2013	Intelligence and Information Warfare Directorate (I ² WD), US Army Communications-Electronics Research, Development and Engineering Center (CERDEC), Aberdeen Proving Ground, MD, February 5 (“Distributed Common Ground System-Army Cloud Ontology”)
Mar	2013	Cognitive Science Colloquium, University at Buffalo, March 20 (“On the Ontology of Massively Planned Social Actions”)
May	2013	Air Force Research Laboratory (AFRL) Information Directorate, Rome, NY, May 8 (“Ontology and Information Integration”)
Jun	2013	Center for Multisource Information Fusion, University at Buffalo, June 7 (“A Survey of Military Ontologies”)
Jul	2013	Buffalo Ontology Group, July 23 (“How to Advance Reusability of Immunology Data”)
Aug	2013	Immport Science Group, August 1, Stanford University (“ How to make ImmPort data fit for secondary use ”)
		Center for Multisource Information Fusion, University at Buffalo and Pacific Northwest National Labs, August 28 (“The National Center for Ontological Research”)
		Department of Philosophy, University at Buffalo, August 30 (“The Ontology of Aging and Death”)
Sep	2013	Institut für Philosophie, University of Rostock, Germany, September 19 (“e-Human Beings: The Contribution of Internet Ranking Systems to the Development of Human Capital”)
Oct	2013	Immport Science Group, Stanford University October 17, (“ How to Enhance the Utility of Data in ImmPort ”)
Nov	2013	Clinical and Translational Science Ontology Affinity Group, November 12 (“Precoordination of Clinical Trial Data in the ImmPort Project”)
Jan	2014	UB Clinical and Research Ethics Seminar, Clinical and Translational Science Center, Buffalo, January 21 (“ Clinical Trial Data Wants to Be Free: Lessons from the ImmPort Immunology Data and Analysis Portal ”)
Feb	2014	Immport Science Group, Stanford University, February 27 (“Enhancing the Quality of ImmPort Data”)
Mar	2014	Department of Computer Science and Engineering, University at Buffao, March 6 (“Ontology of Graphs”)
		Department of Philosophy, University at Buffalo, March 14 (“ Speech Acts, Economic Acts, and Poker ”)
May	2014	Department of Philosophy, University of Rijeka, Croatia, May 7 (“ Document Acts and the Ontology of Social Reality ”) (Video)
		School of Advanced Studies, University of Rijeka, Croatia, May 8 (“ Mind, Language and Emotions: From Austrian Philosophy to Contemporary Realist Ontology ”) (Video)
Jun	2014	Immport Science Group, Stanford University, June 27 (“ The OBO Foundry Approach to Ontologies and Standards with Special Reference to Cytokines ”)
Oct	2014	Department of Mechanical and Aerospace Engineering, Syracuse University, October 3 (“ An Introduction to Ontology for Engineers ”)
Dec	2014	Artificial Intelligence (AI) Center at SRI International, Menlo Park, CA, December 2 (“Towards an Ontology of Military Plans and Planning”)
Mar	2015	UB Clinical and Research Ethics Seminar, University at Buffalo, School of Medicine and

- Biomedical Sciences, March 17 ("[The Ontology of Aging](#)")
- Jun 2015 Leuven Social Ontology Reading Group, June 17 ("[Commanding and Other Speech Acts](#)", [Slides](#))
- Oct 2015 Buffalo Ontology Group, October 12 ("[Towards an Ontology of Deontic Entities](#)")
- Nov 2015 Department of Biomedical Informatics Grand Rounds, University at Buffalo, November 25 ("Aboutness: Towards Foundations for the Information Artifact Ontology")
- Dec 2015 Department of Computer Science and Engineering, University at Buffalo, Dec 3 ("Ontology in Buffalo: An Overview")
- Mar 2016 [Penn Bioinformatics Forum](#), University of Pennsylvania, March 23 ("[The Glory and Misery of Electronic Health Records](#)")
- Apr 2016 Ontology Summit 2016: Semantic Integration – Health Sciences, April 7 ("[An Ontology Ecosystem Approach to Electronic Health Record Interoperability](#)", online presentation)
- Department of Philosophy, University at Buffalo, April 14 ("Jobs for Philosophers")
- Sep 2016 Department of Mechanical and Aerospace Engineering, University at Buffalo, September 6 ("Ontology for Product Lifecycle Management")
- Air Force Research Lab (AFRL), Wright-Patterson AFB, Dayton, OH, September 12 ("AFRL Ontology")
- Oct 2016 Capen Lecture, Department of Philosophy, University at Buffalo, October 4 ("[The Future of the History of Philosophy](#)") ([Video](#))
- Brown Box Lecture, Department of Philosophy, October 7 ("The Ontology of the Organigram")
- Paderborn University, Germany, Lecture in the series "Economy/Technology/Gender", October 24 ("[Digitale Umwelten](#)")
- Nov 2016 School of Oriental and African Studies, University of London, UK, November 9 ("[The Ontology of Terrorism](#)") ([Video](#))
- Dec 2016 Romanell Clinical and Research Ethics Lecture, School of Medicine, University at Buffalo, December 20 ("[How the NIH Plans to Solve the Replication Crisis](#)") ([Video](#))
- Jan 2017 School of Engineering, Swiss Federal Institute of Technology, Lausanne, January 31 ("[Building Ontologies](#)", Video: [Part 1](#), [Part 2](#))
- Feb 2017 National Institute of Standards and Technology (NIST) Industry Ontology Foundry Working Group, February 17 ("[BFO: An Overview](#)", online presentation)
- Mar 2017 ImmPort Science Group, University of California at San Francisco, March 9 ("[The Replication Crisis – and How ImmPort Could Help](#)")
- National Institute of Standards and Technology (NIST) Industry Ontology Foundry Working Group, March 17 ("[Building Ontologies with BFO](#)", online presentation)
- Jet Propulsion Laboratory, March 22 ("[The Engineering Ontology Landscape](#)", online presentation) ([Video](#))
- Enterprise Data Modeling and Data Service Capability Coordination Working Group, Mitre Corporation, Maclean, VA, March 29, 2017
- May 2017 Los Alamos National Laboratory, Los Alamos, NM, May 23 ("[The Evolving Ontology Landscape](#)")
- Jun 2017 Japan Advanced Institute for Science and Technology, Kanazawa, Japan, June 16 ("What is the Difference between Goods and Services?")
- Keio University, Tokyo, Japan, June 21 ("Applied Ontology: A New Philosophical Discipline" and "Foundations of the Ontology of Law")
- Sep 2017 [Sustainable Manufacturing and Advanced Robotic Technologies](#) (SMART) Conference, University at Buffalo. University at Buffalo, September 14 ("CHAMP: Coordinated Holistic Alignment of Manufacturing Processes")
- Department of Philosophy, Nankai University, Tianjin, China, September 25 ("What is a capability?")
- Institute of Basic Medical Sciences, Chinese Academy of Medical Sciences, Beijing, China, September 23 ("[Molecules, Cells, Diseases, Networks](#)")

- Nov 2017 Ontology Group Meeting, University at Buffalo, November 20, 2017 (“Granularity and Capabilities from a BFO Perspective”)
- Feb 2018 Ontology Summit 2018 – Upper Ontologies for Specifying Context, February 7 ([“How BFO Deals with Data from Multiple Contexts”](#), [Video](#))
INCOSE / Rochester Engineering Society, February 15 ([“Ontology for Systems Engineers”](#) [Video](#))
Department of Philosophy, University at Buffalo, February 16 ([“Is Terrorism a Crime”](#), [Video](#))
- Mar 2018 [Romanell Philosophy of Medicine and Bioethics Workshop](#), University at Buffalo, March 10, 2018 ([“What do IQ tests measure?”](#), [Video](#))
Department of Philosophy, University of Maryland, College Park, MD, March 28 ([“The Ontology of Terrorism”](#))
DC-Maryland History and Philosophy of Biology Discussion Group, Washington, DC, March 29 (“Functions in Basic Formal Ontology”)
- Apr 2018 Kickoff Meeting for Naval Postgraduate School Research: Data Science Approaches to Analytic Workflows, Center for Multi-Source Information Fusion, Buffalo, April 11 (“Ontology Strategy”)
Department of Philosophy, University of Tampere, April 26 ([“Introduction to Basic Formal Ontology”](#))
- Sep 2018 Romanell Center for Clinical Ethics and the Philosophy of Medicine, University at Buffalo, September 14 (“Disability: A Realist Approach”)
Grand Rounds, Department of Biomedical Informatics, University at Buffalo, September 25 ([“Defining Disability”](#))
Department of Pharmaceutical Sciences, University at Buffalo, September 27 ([“The Replication Crisis in Pharmaceutical Science”](#) [Video](#))
- Nov 2018 Institut Jean Nicod, Ecole Normale Supérieure, Paris, November 16 ([“Driverless Philosophy”](#) [Video](#)), “Driverless Cars”)
- Mar 2019 Data Science Approaches to Analytic Workflows, Final Report: Part 1 (online presentation), March 12.
- Mar 2019 Romanell Center for Clinical Ethics and the Philosophy of Medicine, Buffalo, NY, March 2 ([“In Defense of the Container Theory: A Contribution to the Metaphysics of Pregnancy”](#), [Video](#))
- Apr 2019 Faculty of Communication Sciences, Università della Svizzera italiana, Lugano, Switzerland, April 10 ([“Ontology of Language, Ontology of Terrorism, Ontology of Obligations”](#), [Video](#))
Swiss Institute for Artificial Intelligence Research ([IDSIA: Istituto Dalle Molle di Studi sull’Intelligenza Artificiale](#)), Lugano, Switzerland, April 11 (“Ontology-Driven Automotive Repair Claims Management”, with Jobst Landgrebe)
- May 2019 School of Engineering, Swiss Federal Institute of Technology (EPFL), Lausanne, May 6 ([“Ontology for Systems Engineering”](#))
Colloque de recherche, Institut de Philosophie, Université de Neuchâtel, Switzerland, May 7 ([“Will World War III Be Fought on the Internet?”](#) [Video](#))
Department of Philosophy, University of Geneva, May 9 (“Dialogue Beats the Turing Test”)
Romanell Center for Clinical Ethics and the Philosophy of Medicine, University at Buffalo, May 11 ([“Normality”](#))
Cognition Data Framework Kick-Off Meeting, CUBRC, Buffalo, NY (May 13) ([“Ontology Survey”](#))
- Aug 2019 Joint Artificial Intelligence Center (JAIC), Washington DC, August 16 (“Addressing Failures of Interoperability across the DoD and IC”)
Department of Business Administration, ITAM, Mexico City, August 22 ([“AI: What it can do and what it cannot do for the business enterprise”](#))
- Oct 2019 [Meeting of the Task Force for Intelligent Materials Standards](#), University at Buffalo, October 8-9 (“Current Status of Ontology Modelling”; “Ontologies for materials – BFO, IOF & EMMO”)
Ontology Working Group Meeting, Joint Artificial Intelligence Center (JAIC) and SAIC, Reston, VA, October 24 (“Current Ontology efforts in DoD and the IC and the way ahead for collaboration”)

- Feb 2020 Office of the Under Secretary of Defense for Acquisition and Sustainment, Pentagon, February 12 ([“Ontology 101 Information Brief”](#))
- Apr 2020 Top-Down Working Group, Industrial Ontologies Foundry (IOF), April 24 ([“Introduction to ISO/IEC 21838”](#))
- May 2020 Technical Oversight Board, Industrial Ontologies Foundry (IOF), May 29 ([“What problem does BFO 2020 solve?”](#), [Video](#))
- Jun 2020 Ontology Summit, National Institute of Standards and Technology (NIST), Gaithersburg, MD, June 3 ([“ISO/IEC 21838”](#), [Video](#))
Grand Rounds, Department of Biomedical Informatics, Jacobs School of Medicine and Biomedical Sciences, June 8 ([“COVID-19 Ontology”](#), [Video](#) (with John Beverley))
- Jul 2020 Technical Oversight Board, Industrial Ontologies Foundry (IOF), July 3 ([“How to do reasoning with Information Artifacts”](#), [Video](#); [“BFO 2020 Temporalized Relations”](#), [Video](#))
- Oct 2020 Romanell Center for Clinical Ethics and the Philosophy of Medicine, October 14 ([“The Impossibility of Digital Immortality”](#), [Video](#)).
Department of Computer Science and Engineering, University at Buffalo, October 27 ([“Complex Systems and the Limits of Stochastic Models”](#) (with Jobst Landgrebe))
Digital Science Center and Department of Christian Philosophy, University of Innsbruck, October 30 ([“The Impossibility of Digital Immortality”](#))
- Jan 2021 Navy Digital / Systems Engineering Transformation Brown Bag Series Kickoff Event, January 13 ([“On Useful Ontologies”](#))
- Feb 2021 Additive Manufacturing Data Management Working Group (NIST and ASM), February 22 ([“Building an Additive Manufacturing Ontology”](#))
Colloquium of the Department of Philosophy, February 17, University at Buffalo ([“Defining Intelligence”](#), [Video](#), with Jobs Landgrebe)
Department of Defense and Intelligence Community Ontology Working Group (JAIC DoD/IC Ontology WG), Joint Artificial Intelligence Center, Washington, DC, February 26 ([“Ontology Training: Basic Formal Ontology”](#))
- Mar 2021 Society and Computing Club, University at Buffalo, March 13 ([“The Limits of Artificial Intelligence”](#))
Department of Philosophy, University of Georgia, March 18, ([“Why Not Robot Police? On the Limits of Artificial Intelligence”](#), [video](#))
Workshop on AI and Human Values, Rochester, March 19 ([“Why Machines Cannot Conduct Convincing Dialogues”](#), with Jobst Landgrebe)
University at Buffalo Digital Scholarship Studio and Network, March 20 ([“Ontology and Digital Humanities”](#))
- Oct 2021 Graduate Philosophy Association, University at Buffalo, October 5 ([“Jobs for Philosophers”](#))
Department of Philosophy, Union College, Schenectady, NY, October 26 ([“Jobs for Philosophers”](#), [Video](#); and [“The Meaning of Life”](#), [Video](#))
- Nov 2021 Romanell Center for Clinical Ethics and the Philosophy of Medicine, University at Buffalo, November 5 ([“Is Psychology Finished?”](#), [Video](#))
Department of Philosophy, University of Toronto, November 23 ([“AI and the Ontology of Complex Systems”](#), [Video](#), with Jobst Landgrebe)
- Jan 2022 West Point Philosophy Forum, United States Military Academy, January 25 ([“Why Not Robot Cops?”](#))
- Apr 2022 Food and Drug Administration (FDA) [Data Standards Advisory Board](#), April 15 ([“BFO and the Role of Standards in Ontology”](#), [Video](#))
- May 2022 Institute of Philosophy, University of Neuchâtel, Switzerland, May 19 ([“The Ontology of Complex Systems”](#))
[Department of Architecture and Urban Studies](#), Milan Polytechnic, May 23 ([“Shaping Space and Time”](#), [Video](#))
- Sep 2022 [Systems Engineering](#), Cornell University, Ithaca, NY, September 2 ([“The Ontology of Complex Systems and the Limits of Artificial Intelligence”](#))

- UB [Institute for Artificial Intelligence and Data Science \(IAD\) Distinguished Speakers Series](#), September 20 (“Why Machines Will Never Rule the World”, with Jobst Landgrebe).
- Nov 2022 Department of Defense and Intelligence Community Interest Group (DIOWG), Online meeting, November 4 (“The OUSD Question of All Questions”, [Slides](#), [Video](#))
Office of the Undersecretary of Defense (OUSD), Online meeting, November 8 (“The Quantum Metascience Initiative Proof-of-Concept Project”)
Air Force Research Lab, Online meeting, November 9 (“Modular Ontology Development to Support Mission Engineering”)
- Mar 2023 Dean’s Speaker Series on Business Analytics, University at Buffalo School of Management, March 10 (“Why ChatGPT Will Never Rule the World”, Slides)
Department of Philosophy, Université de Montréal, March 23 (“[Realms of the A Priori: Law, Economics, and Mathematics](#)”)
[Digital Society Initiative](#), University of Zurich, Switzerland, March 29 (“The Glory and the Misery of ChatGPT”, [Video](#))
- Apr 2023 The Ethics and Empirics of Engineering Humanity Speaker Series, Department of Law, Villa Nova University, Pennsylvania, April 3 (“AI Ethics and the Human Will”, “ChatGPT Cracks Conversation”)
- May 2023 Department of Homeland Security Ontology Work Group Kickoff Meeting, May 4 (with John Beverley)
- May 2023 Department of Architecture and Urban Studies, Milan Polytechnic University, May 15 (“[Making Cities Smarter: The Limits of AI](#)”, [Video](#))
- Jul 2023 Buffalo Toronto Ontology Alliance (BoaT) Meeting, University of Toronto, July 14 (“[AI and the future of ontology in the defense and intelligence domain](#)”)
- Aug 2023 Fentanyl Ontology Working Meeting, Buffalo HQ, Customs and Border Protection, August 1-4 (“Use cases for a Fentanyl Ontology”)
[Pop-Up Ontology Meeting](#), University at Buffalo, August 9, “Introduction (UB Ontology Overview)”.

PRESENTATIONS AT PROFESSIONAL MEETINGS AND SYMPOSIA

- Jun 1975 Roman Ingarden Colloquium (organized on the 5th anniversary of his death, Department of Philosophy, Jagiellonian University, Cracow (“Roman Ingarden and the Aesthetics of Mathematical Objects”)
- May 1977 Philosophy, Literature and Art, Balliol and St. Catherine’s College, Oxford (“Ingarden and Literary Theory”)
- Jun 1977 Hegel and Husserl Workshop, University of Warwick (“Husserlian Phenomenology and the Principles of Methodological Individualism”)
- Aug 1977 Wittgenstein and His Impact on Contemporary Thought: [2nd International Wittgenstein Conference](#), Kirchberg am Wechsel, Austria (“Wittgenstein and the Background of Austrian Philosophy”)
- Aug 1978 Wittgenstein, the Vienna Circle, and Critical Rationalism: [3rd International Wittgenstein Conference](#), Kirchberg am Wechsel, Austria (“On Tractarian Law”)
- Sep 1978 Die Philosophie Franz Brentanos, Conference in Graz, sponsored by the Brentano Foundation
- Apr 1979 The Theory of the Free Society, Liberty Fund Colloquium in St. Anne’s College, Oxford
- Jul 1979 Zweites Tübinger Wittgenstein Symposium, sponsored by the Fritz Thyssen Stiftung, Tübingen, July 1-6
- Aug 1979 Language, Logic and Philosophy: [4th International Wittgenstein Conference](#), Kirchberg am Wechsel, Austria (“It”)
- Sep 1979 Kunst und Öffentlichkeit, Colloquium organised as part of the Steirische Herbst, Graz (“Kunst, Konkurrenz und Kapitalismus”)
- Apr 1980 Liberty and Tradition, Liberty Fund Colloquium in Oxford
- Oct 1980 Österreichische und ungarische Philosophie, Colloquium sponsored by the Austrian Cultural Institute, Budapest, October 3-4 (“Austrian and Hungarian Philosophy: On the Logic of

- Wittgenstein and Pauler")
- Apr 1981 Liberty and the Market, Liberty Fund Colloquium in Oxford
- Jun 1981 Aesthetics and the Philosophy of Literature, Colloquium sponsored by the Nordic Council in Åland, Finland ("Phenomenological Foundations of Literary Theory")
- Jul 1981 Joint Session of the Mind Association and the Aristotelian Society, Manchester ("Logic, Form and Matter")
- Aug 1981 Language and Ontology: [6th International Wittgenstein Conference](#), Kirchberg am Wechsel, Austria ("Some Formal Moments of Truth")
- Apr 1982 The Theory of the Free Society II, Liberty Fund Colloquium in Oxford, April 18-23 (as commentator)
- Aug 1982 Epistemology and Philosophy of Science: [7th International Wittgenstein Conference](#), Kirchberg am Wechsel, Austria ("Acts and their Objects")
Ehrenfels-Konferenz, sponsored by the Niederösterreichische Landesregierung, Schloss Lichtenau, August 31-September 3 ("Mach und Ehrenfels: Zur Theorie der Abhängigkeit")
- May 1983 Intentionality, 5th International Colloquium of the Institut de Méthodologie, held in Bienne, Switzerland, May 5-8 ("Acta cum fundamentis in re")
- Jun 1983 Present Thinking about Parts and Wholes, Conference of the Swedish Committee for Future Oriented Research in Lund, Sweden, June 1-3 ("Logical and Philosophical Remarks on Parts and Wholes")
- Aug 1983 Aesthetics–Philosophy of Religion: [8th International Wittgenstein Conference](#), Kirchberg am Wechsel, Austria ("How not to talk about what does not exist")
- Dec 1983 Symposium Adolf Reinach, Conference organised by the Centrale Interfaculteit, Rijksuniversiteit Utrecht, Holland, December 9 ("Judgment and Belief: Some Reinachian Notes on Logic")
- May 1984 Methods for the Study of Cultural Objects, Conference organised by the Nordic Council in the University of Göteborg, Sweden, May 21-24 ("The Concept of Aesthetic Order")
- Jun 1984 The Descriptive Psychology of the Brentano School, International Conference organized in Trieste und Bologna by the Brentano-Foundation and by the Universities of Graz, Trieste und Bologna, June 13-15 ("The Substance of Brentano's Ontology")
Foundations of Cognitive Psychology: The Work of Köhler, Selz and Lewin, Colloquium of the Werner Reimers-Stiftung held in Bad Homburg, Germany, June 8-20 ("On the Foundations of Gestalt Theory")
- Aug 1984 Philosophy of Mind–Philosophy of Psychology: [9th International Wittgenstein Conference](#), Kirchberg am Wechsel, Austria ("On the Structures of Perceptual Gestalten")
- Oct 1984 Vienne 1880–1938: Fin de Siècle et Modernité, Conference organised by the Centre Georges Pompidou and the Institut Autrichien in Paris, October 8-12 ("On the Modification of Feeling")
- Nov 1984 Essential Necessity, Conference organised by the International Academy for Philosophy, Dallas, Texas, November 9-10 ("Material A Priori Structures")
Sprachtheorie im Anschluss an Karl Bühler, Colloquium organised by the University of Essen and sponsored by the Deutsche Forschungsgemeinschaft, November 21-24 ("Materials Towards a History of Speech Act Theory")
- Dec 1984 Zur Philosophie und Sprachtheorie Anton Marty, Colloquium of the Fritz Thyssen Stiftung in the Université de Fribourg, Switzerland, December 7-9 ("Brentano and Marty: A Correspondence Theory of Intentionality")
- Apr 1985 Emozioni e sentimento nel pensiero filosofico contemporaneo, Symposium organised by the Commune di Bolzano, Italy and the University of Milan in Schloss Maretsch, Bolzano, April 12-13 ("Über Gefühle und Phantasiegefühle: Eine Betrachtung zur Ontologie der Kunsterfahrung")
- May 1985 Phénoménologie et Gestalttheorie: Histoire et Actualité de l'Ontologie formelle, Conference organised by the Ecole des Hautes Etudes en Sciences Sociales, Paris, May 2-6 ("Boundaries and the Continuum")
- Aug 1985 Austrian Philosophy, Colloquium organised as part of the [10th International Wittgenstein Conference](#), Kirchberg am Wechsel, Austria ("A Theory of Austria")
- Sep 1985 The Habsburg Monarchy in Transition, 1890-1914, Conference organised by the Institute of Slavonic and East European Studies in the University of London, September 16-20 ("Theories

- of Austria")
- Oct 1985 Lukács und Österreich, Colloquium organised by the Hungarian Academy of Sciences and by the Österreichisches Kulturinstitut, Budapest, October 1-3 ("Bela Zalai und die Metaphysik des reinen Seins")
The Philosophy of Roman Ingarden, International Conference held in Cracow, Poland, October 25-27 ("The Ontology of Epistemology")
Beiträge zur österreichischen Philosophie, Colloquium organised by the Forschungsstelle und Dokumentationszentrum für österreichische Philosophie, Graz, October 28-29 ("Die Kreativität der österreichischen Philosophie: Einige Erklärungsversuche")
- Dec 1985 Linguaggio e società oggi, Colloquium organised by the University of Trieste and the Goethe Institut, Trieste, December 2-3 ("Die Substitutionstheorie der Kunst")
Symposium Alexander Pfänder, Conference organised by the Centrale Interfaculteit of the Rijksuniversiteit, Utrecht, December 13 ("What is special about Munich Phenomenology?")
- Mar 1986 Interpretation, Human Agency and Economics, Conference organised by the Center for the Study of Market Process, Fairfax, Virginia (as commentator)
- Sep 1986 Husserlian Perspectives on Cognition and Ontology, International Symposium organised by the Institute for the Philosophy of Language, University of Milan, in the Villa Feltrinelli, Gargnano, Lago di Garda, Italy, September 5-7 ("Indexicality and Categorical Grammar")
The Vienna Circle and the Lemberg-Warsaw School, an International Symposium organised at Jablonna, Warsaw, by the Polish Academy of Sciences and the Austrian Institute in Warsaw, September 26-30 ("Vienna-Prague-Lemberg-Berlin")
- Nov 1986 100 Years of Polish Philosophy, an International Conference in the University of Manchester, 14-November 15 ("Kotarbinski on the Nature of Things")
- May 1987 The Object and Its Identity, International Conference in Bolzano and Trento, sponsored by the University of Trento and the Cultural Assessorat of Bolzano, Italy, May 27-30 ("An Overview of Brentanian Ontology")
- Nov 1987 La Critique de la raison en Europe centrale, Conference held in the University of Geneva, November 20-21 ("Kafka and Brentano" and "Critique de la raison économique")
- Mar 1988 The Philosophy of Edmund Husserl, Annual Conference of the British Society for Phenomenology in St Edmund Hall, Oxford, March 25-27 ("Husserl's Idealism: The Grain of Truth")
- Apr 1988 The Descriptive Psychology of Franz Brentano, International Conference in the University of Würzburg, April 27-30 ("The Soul and Its Parts")
- Jun 1988 [L'Ontologie formelle aujourd'hui](#), International Conference in the University of Geneva, June 3-5 ("Universals")
- Jul 1988 Theorie und Erfahrung in der neuen kognitiven Psychologie, International Conference of the Werner Reimers Stiftung, Bad Homburg, Germany, July 4-6 ("Die Bausteine des Psychischen: Versuch einer Kategorienlehre der Intentionalität")
- Aug 1988 Philosophy of the Natural Sciences, [13th International Ludwig Wittgenstein Conference](#) in Kirchberg am Wechsel, Lower Austria ("Topology for Philosophers")
Seminar Joachim Jungius, Organised as part of the 13th International Ludwig Wittgenstein Conference in Kirchberg am Wechsel, Lower Austria ("Logica Kirchbergensis")
- Sep 1988 Praxeology and the Philosophy of Economics, Conference organised by the Polish Academy of Sciences and the Austrian Institute in Warsaw, September 2-5 ("Austrian Philosophy and Austrian Economics")
Rationalité et Objectivités. Nouvelles approches, Conference organised by the Centre Culturel International de Cerisy-la-Salle, Cerisy, Normandy, September 9-18 ("Aristotelian Robotics")
Wo bin ich? Selbstbewusstsein, Selbstbestimmung und die Reflexivität der Kommunikation, Conference organised in the University of Freiburg im Breisgau, Germany (Commentator on H.-N. Castañeda)
- Dec 1988 Symposium of the American Association for the Philosophical Study of Society at the Eastern Division meeting of American Philosophical Association. Commentator: E. Lepore, Chair: D. Davidson, December 29 ("Realism and the Correspondence Theory of Truth")
- Mar 1989 Hermeneutique et Nihilisme, Premier Congrès Européen de Philosophie, Université Libre de Bruxelles, March 8-10 ("Sur l'impossibilité de traduire la philosophie allemande")

- Computer und Bildung. Praktische und theoretische Aspekte, Interdisciplinary Symposium of the International Academy for Philosophie, Schaan, Liechtenstein, March 31 ("Einführung zum Programm")
- Apr 1989 The Legacy of Carl Menger, International Conference in Duke University, Durham, NC, April 14-16 ("Ludwig von Mises and the Mengerian Legacy")
Zur philosophischen Aktualität Heideggers, Symposium of the Alexander von Humboldt-Stiftung, Bonn-Bad Godesberg ("Über die Gründe für die Nichtübersetzbarkeit der deutschen Philosophie")
- May 1989 The Artist and His Work, Conference of the Nordic Society for Aesthetics in Helsinki, May 21-24 ("What are Works of Art Built For?")
- Aug 1989 Wittgenstein: Eine Neubewertung, [14th International Wittgenstein Symposium](#) in Kirchberg am Wechsel, Austria ("Wittgensteinian Philosophy and the Culture of the Commentary")
- Sep 1989 Evolving Knowledge in Natural Science and Artificial Intelligence, Symposium of the British Society for the Philosophy of Science and of the Institution of Electrical Engineers, University of Reading, September 22-24 ("Naive Physics and Folk Psychology")
- Oct 1989 Die Gedankenwelt Sir Karl Poppers. Kritischer Rationalismus im Dialog, Conference of the Ludwig Boltzmann-Institut für neuere österreichische Geistesgeschichte, Schloß Hofen, Lochau ("Grundlegung eines fallibilistischen Apriorismus")
- Nov 1989 Gestalt Psychology: Its Origins, Foundations and Influence, An International Workshop of the Centro Fiorentino di Storia e Filosofia della Scienza, Florence ("Theories of the Commonsense World")
- Jan 1990 The Methodology of Carl Menger, Symposium in King's College, London ("Austrian Aristotelianism: The Thought of Carl Menger")
- May 1990 Internationale Brentano-Konferenz. Conference organized by the Forschungsstelle und Dokumentationszentrum für Österreichische Philosophie, Graz ("Die neue Brentano-Forschung")
- Sep 1990 Cognitive Science in Finland, Conference organized by the Finnish Academy of Sciences at the Seili Island Research Institute in Finland ("On the Methodologies of Cognitive Science" and "On the Structures of the Common-Sense World")
- Oct 1991 Geisteswissenschaftliches und literarisches Übersetzen im internationalen Kulturaustausch, Symposium of the Alexander von Humboldt Stiftung, Sonthofen ("Über die Grenzen der Übersetzbarkeit: Eine philosophische Fallstudie")
T. G. Masaryk und die Brentano-Schule, International Symposium organized by the Czechoslovak Academy of Sciences in Prague, October 15-17 ("From T. G. Masaryk to Václav Havel")
- Mar 1992 Philosophy and Political Change in Eastern Europe, Monist Colloquium sponsored by the Bradley and Soros Foundations in the Hungarian Academy of Sciences, Budapest ("The New European Philosophy")
- Apr 1992 Ansatz und Wirkung der philosophischen Psychologie Franz Brentanos, International Colloquium sponsored by the Universities of Würzburg and Trento at the Villa Vigoni, Lovenjo di Menaggio, Como ("Franz Brentano: Eine Zusammenfassung")
- May 1992 Weltanschauung, Ideologie und Philosophie. Kolloquium zu Ehren von Professor Joseph M. Bochenski, University of Freiburg, Switzerland ("Die wissenschaftliche Philosophie und ihre gegenwärtigen Herausforderungen")
- Jun 1992 Wie erkennt man Naturrecht?, Interdisciplinary Symposium at the International Academy for Philosophy, Schaan, Liechtenstein ("Philosophische Argumente gegen die Erkennbarkeit des Naturrechts")
- Feb 1993 European Philosophy and the American Academy, The Second Monist Colloquium, held at Wingspread, Wisconsin ("Commentary on Norris")
- Mar 1993 International Workshop on Formal Ontology in Conceptual Analysis and Knowledge Representation, National Research Council of Italy, Padua ("[Ontology and the Logistic Analysis of Reality](#)")
- Apr 1993 Ungarn und die Brentano-Schule: Zu einem Kapitel mitteleuropäischer Philosophie, Conference organized by the Institute of Philosophy of the Hungarian Academy of Sciences in collaboration with the Austrian Institute, Budapest ("Brentano, Mach and Hayek")
Hayek Memorial Conference, organized by the Department of Economics, University College,

- London in collaboration with the Goethe Institute and the Austrian Institute, London ("The Intellectual Order: A Study of Hayekian Psychology")
- Jun 1993 Internationales Symposium der Deutschen Hegel-Vereinigung, Stuttgart, ("Philosophieren und Kommentieren. Überlegungen zu ihrem Verhältnis")
- Nov 1993 The Legacy of Brentano, Conference organized by the Jagiellonian University, the International Cultural Centre and the Austrian General Consulate in Cracow ("Boundaries")
- The Formal Ontology of Space, Conference organized by the National Research Council of Italy, Padua ("On the Coincidence of Boundaries")
- Dec 1993 The Sensory Order, Conference organized by the Scuola Superiore di Studi Universitari, Pisa, Italy ("Steps Towards a Cognitive Economics: Connectionism, Individualism and The Sensory Order")
- Feb 1994 Räume, 11th Hamburg Colloquium on Cognitive Science, Graduiertenkolleg Kognitionswissenschaft, Universität Hamburg ("Kognitive Geographie")
- Der Begriff des Sachverhalts zwischen Linguistik und Philosophie, Graduiertenkolleg Kognitionswissenschaft, Universität Hamburg ("Die Einheit der Sachverhalte")
- Mar 1994 The Creighton Club. New York State Philosophical Association, 139th Meeting, Skaneateles, NY ("Zeno's Paradox for Colors")
- Apr 1994 Philosophy and Westernization, Central European University, Prague ("Which Western Philosophy?")
- May 1994 The Phenomenology of Values and Valuing, Center for Advanced Research in Phenomenology, Florida Atlantic University, Boca Raton, Florida ("The Background of Value Theory")
- Jul 1994 [Topological Foundations of Cognitive Science](#), Workshop organized as part of the [First International Summer Institute in Cognitive Science](#), Buffalo ("Introduction: Topological Foundations of Cognitive Science")
- Aug 1994 Parts and Wholes, Conceptual Part-Whole Relations and Formal Mereology, Workshop organized as part of the 11th European Conference on Artificial Intelligence, Amsterdam ("Fiat Objects")
- The British Tradition in 20th Century Philosophy, [17th International Wittgenstein Symposium](#), Kirchberg am Wechsel ("The Vindication of Common Sense")
- Formal Techniques in Ontology, Workshop organized by the Institut für Philosophie, Universität Konstanz ("The Joints of Reality: On the Typology of Demarcations")
- Sep 1994 The Ontology and Epistemology of Relations, Conference organized by the Department of Philosophy, SUNY Buffalo ("Comment on McMahon")
- Theories of Judgment: Assertion and Truth-Making, Leiden Seminar for the History and Philosophy of Logic and Semantics, University of Leiden, Holland ("The Grain of Truth")
- Nov 1994 Austrian Philosophy: From Brentano to Haller, University of Arizona, Tucson ("The Neurath-Haller Thesis")
- The Actuality of Gestalt Theory, International Conference of the University of Copenhagen, Denmark, November 24–27 (Plenary Lecture: "Cognitive Metaphysics"; Closing Speech: "Ehrenfels, Musil, Lakoff: On the Actuality of Gestalt Theory")
- Dec 1994 Ecological Phenomenology, American Philosophical Association, Eastern Division, Boston ("Ethical Relativity and Husserl's Crisis: Commentary on Kohak")
- Society for the Study of Husserl's Philosophy, American Philosophical Association, Eastern Division, Boston ("The Categorial Field")
- Mar 1995 Phänomenologie und Logischer Empirismus, Internationale Tagung aus Anlass des Zentenariums des österreichischen Philosophen, Mathematikers, Rechts- und Sozialwissenschaftlers Felix Kaufmann (1895-1949), Wien, Juridicum der Universität Wien ("Wien, Österreich und die Hauptströmungen der gegenwärtigen Philosophie")
- Symposium on Ontology, American Philosophical Association, Pacific Division, San Francisco ("The Immaculate Replacement: Commentary on Ehring")
- Society for the Study of Husserl's Philosophy, American Philosophical Association, Pacific Division, San Francisco ("The Ontology of Edmund Husserl")
- May 1995 The Cultural Context of Electronic Networking, Kulturwissenschaftliches Institut, Essen ("Electronic Networking: The Market for Information")

- Dziedzictwo Filozofii Analitycznej: Dorobek Szkoły Lwowsko Warszawskiej, University of Lublin (UMCS), Poland ("Why Polish Philosophy Does Not Exist")
- Science et Philosophie en France et en Autriche de 1880 à 1930, CNRS and Austrian Institute, Paris ("The Geography of Convention")
- Sep 1995 [Conference on Spatial Information Theory \(COSIT 1995\)](#), Semmering, Austria ("Performative Maps")
- International Meinong-Conference, University of Graz ("More Things in Heaven and Earth")
- Oct 1995 Actualité cognitive de la Phénoménologie: Les Défis de la Naturalisation, Université de Bordeaux III, France, October 19-21 ("Truth and the Visible Field")
- Nov 1995 The Open Society After 50 Years, Centre for the Study of Nationalism, Central European University, Prague, November 8-10 ("The Open Society and Its New Enemies")
- Dec 1995 Topology and Dynamics in Cognition and Perception, Centro Internazionale di Studi Semiotici e Cognitivi, Università degli Studi, Repubblica di San Marino, December 11-13 ("Cognitive Geography")
- Society for Philosophy and Geography, Session at the American Philosophical Association Eastern Division Meeting in New York City ("On Drawing Lines on a Map")
- Apr 1996 Kinds and Categories, The University of North Carolina at Greensboro Twentieth Annual Symposium in Philosophy, April 12-14 ("Categories, Deep and Superficial")
- Inherent and Instrumental Value, 24th Conference on Value Inquiry, International Society for Value Inquiry, D'Youville College, Buffalo, NY, April 18-20 ("Blind Realism")
- The Austrian Tradition in Logic: From Bolzano to the Vienna Circle, University of Texas at Austin and Austrian Cultural Institute, April 19-21 ("Austrian Philosophy and the Brentanian Tradition")
- E Pluribus Unum, A Conference on Diversity, University at Buffalo, April 26-28 ("The Pedagogy of Pluralism")
- May 1996 Shadows, Holes, Blobs, Surfaces, and Other Entia Minora: A Workshop in Ontology, Columbia University, New York, May 19 ("The Metaphysics of Real Estate")
- Aug 1996 Current Issues in Political Philosophy: Justice and Welfare in Society and World Order, [19th International Wittgenstein Symposium](#) Kirchberg am Wechsel, Austria, August 11-18 ("The Cognitive Geometry of War")
- Sep 1996 Can Epistemology be Unified? Marvin Farber Conference, University at Buffalo, September 26-28 ("Commentary on L. Hankinson Nelson")
- Oct 1996 The Austrian Tradition: From Bolzano to the Vienna Circle. Symposium II, University of Texas at Austin and Austrian Cultural Institute, October 4-6 ("Husserl and Ontology")
- Nov 1996 Formal Models of the Common-Sense World, Initiative 21 Conference of the National Center for Geographic Information and Analysis, San Marcos, Texas ("The Formal Ontology of Common Sense")
- The Metaphysics of Real Estate: Comparative (Cross-Cultural) Ontologies for Cadastral Systems, Department of Geoinformation, Technical University, Vienna, Austria, November 25-26 ("Ontology, Epistemology and the Parceling of Space")
- Dec 1996 The Intellectual Legacy of the Austro-Hungarian Monarchy, István Széchenyi College for Advanced Studies of the Budapest University of Economics, Budapest, December 12-15 ("Philosophy in Austria-Hungary from Bolzano to Hayek")
- Mar 1997 Society for Philosophy and Geography, Session at the American Philosophical Association Pacific Division Meeting ("Prolegomena to a Metaphysics of Real Estate")
- American Philosophical Association Pacific Division Meeting, Invited Paper ("From Cognitive Linguistics to Cognitive Metaphysics") ([Reply by Dallas Willard](#))
- Apr 1997 Austrian Scholars Conference, Ludwig von Mises Institute, Auburn University, Auburn, Alabama April 4-5 ("The Political Economy of Geography")
- History of the Concepts of Space, Workshop sponsored by the Department of Philosophy, the Center for Cognitive Science, and the National Center for Geographic Information and Analysis of the University at Buffalo, April 18-19 ("The State as Work of Art: Theories of Space in Baroque Philosophy")
- Academic Freedom in Perspective, A Conference at Canisius College, April 25-26 ("Academic Freedom and Academic Responsibility")

- Annual Conference of the Society for Academic Freedom and Scholarship, University of Toronto (Keynote Speech: "The Open Society and Its New Multiculturalist Enemies")
- May 1997 Les Revues parlées, Centre Pompidou, Paris, May 22 ("Jargon philosophique ou Langage technique?")
- Sep 1997 La Philosophie autrichienne, Conference of the Centre Culturel International de Cerisy, Cerisy-la-Salle, France, September 3-10 ("Les Objets sociaux")
- Oct 1997 Postmodernism and the Sokal Affair, International Conference sponsored by the Department of Physics, University of Helsinki, October 1-2 (Debate with Alan Sokal)
- [Conference on Spatial Information Theory \(COSIT 1997\)](#), University of Pittsburgh, October 15-19 ("Fiat and Bona Fide Boundaries", with Achille Varzi)
- Annual Assembly, National Center for Geographic Information and Analysis, Buffalo ("Formal Ontology of Geographic Objects", with Achille Varzi)
- The Origins of Property, Conference organized in the Department of Philosophy, University at Buffalo ("Property and Sovereignty")
- Teaching Development Forum, University at Buffalo, October 20 ("On Teaching with a Debate Format")
- Geographic Information Systems and Political Redistricting: Social Groups, Representational Values, and Electoral Boundaries, Conference of the National Center for Geographic Information and Analysis, University at Buffalo, October 24-26 ("Bizarre Shapes")
- Feb 1998 Cognition and Ontology, Zentrum für interdisziplinäre Forschung, Universität Bielefeld, February 23-26 ("Small Worlds: The Ecology of Cognition")
- Apr 1998 A Symposium on Truth and Truth-Makers, University at Buffalo, April 11 ("Interesting Truth-Makers")
- Jun 1998 [International Conference on Formal Ontology in Information Systems \(FOIS\)](#), Trento, sponsored by the Italian National Research Council, June 6-8 ("The Basic Tools of Formal Ontology" (Opening Keynote Address); "Ontological Tools for Geographic Representation" (with Roberto Casati and Achille Varzi))
- Ontology of Fields. Research Meeting of the NSF Varenius Initiative, Bar Harbor, Maine, June 10-13 ("Basic Tools of Ontology")
- Jul 1998 Australasian Association of Philosophy, Annual Conference, Sydney, July 12-17 ("Truthmaker Realism")
- Aug 1998 Panel on the Philosophy of John Searle, World Congress of Philosophy, Boston ("Real Estate as Institutional Fact", with response by Professor Searle)
- Symposium on Technology and Communication, World Congress of Philosophy, Boston (Invited Talk: "The Genres of Philosophy")
- Sep 1998 The World in Perspective, conference honoring the 90th birthday of Lewis H. Hahn, Southern Illinois University, Carbondale, IL, September 25-26 ("Context, Ontology and Perception")
- Carl Stumpf: Internationale Interdisziplinäre Fachkonferenz, University of Würzburg, September 30–October 3 ("From Stumpf to Iowa")
- Oct 1998 The Self and the Other. International Conference of the Nordic Association for Semiotics, Oslo, October 29-31 (Plenary lecture: "The Cognitive Geometry of War")
- Nov 1998 Spontaneous Orders: Austrian Economics, Philosophy, and Aesthetics, International Conference sponsored by the University of Copenhagen and the Carlsberg Academy, Copenhagen, Denmark, November 2-3 (Two plenary lectures: "The Ontology of Social Reality – From Carl Menger to John Searle" and "The Ecology of Social Reality – From Aristotle to Roger Barker")
- Center for Law and Ontology: A Symposium, University at Buffalo, November 20 ("Towards a Center for Law and Ontology")
- Jan 1999 Bridging the Analytic-Continental Divide, Tel Aviv University, January 17-20 ("[A Theory of Divides](#)")
- Feb 1999 Annual Meeting of the Husserl Circle, University of Memphis ("Husserlian Ecology")
- Mar 1999 Philosophical Realism and the Central European Tradition, Fourth Matchette Foundation Symposium, University of Texas at Austin, March 26-29 ("Truth and Truthmaking", Symposium with David Armstrong)

- Apr 1999 Annual Conference of the National Association of Scholars, Chicago ("The Construction of Social Reality", Debate with John R. Searle)
- May 1999 Nature de l'expérience perceptive, CREA, Paris, May 28-29 ("Ecology", with Roberto Casati)
- Aug 1999 Current Issues in Political Philosophy. [19th International Wittgenstein Conference](#), Kirchberg am Wechsel, Austria, August 15-21 ("Surrounding Space: Principles of Topological Ecology")
International Congress of Logic, Methodology and Philosophy of Science, Cracow, August 20-26 ("Mereology, Topology, Ecology: A Formal Theory of Organism-Niche Relations")
[COSIT 1999–Conference on Spatial Information Theory](#), Hamburg, Germany, August 26-29 ("Agglomerations" and "Ontology and Geographic Objects: An Empirical Study of Cognitive Categorization" (with David M. Mark and Barbara Tversky))
- Oct 1999 The Last Days of the Human Race: Karl Kraus Symposium, University at Buffalo, October 16 ("Kraus and Serbia, Kraus and Weininger, Kraus and Women")
- Nov 1999 The Metaphysics of Consciousness: David Chalmers' *The Conscious Mind* in Historical and Contemporary Perspective, University at Buffalo, November 5-6 ("The Environment of Mind")
- Dec 1999 Analytic Philosophy at the Turn of the Millennium, University of Santiago de Compostella, December 1-4 ("On Analytic and Continental Philosophy: A Case Study in the Ontology of Ideas and Institutions")
La Structure du Monde: objets, propriétés, états du choses, Colloque international de Philosophie de Grenoble, December 9-13 ("The Geography of Reality")
- Mar 2000 Brain Death and Human Identity, Symposium, University of Hamburg ("Ontology and Identity")
- Apr 2000 American Philosophical Association Pacific Division Meeting, Albuquerque, Invited Paper ("Truth in the Logical Investigations")
Committee on International Cooperation, American Philosophical Association Pacific Division Meeting, Albuquerque, Invited Panel Session on Philosophy and the Internet ("On Philosophy on the Internet")
Society for the Study of Husserl's Philosophy, American Philosophical Association Pacific Division Meeting, Albuquerque ("Formal Ontology in the Logical Investigations")
Society for Philosophy and Geography, American Philosophical Association Pacific Division Meeting, Albuquerque ("On Setting into Relief: The Ontology and Cognition of Space")
- May 2000 Writing the Austrian Traditions: A Conference on the Relations between Austrian Philosophy and Literature, University of Toronto ("Meinong and the Phantasy-Machine")
Husserl's *Logische Untersuchungen*—A Centenary Conference, University of Copenhagen ("Grids")
Kataster Symposium, Institut für Geoinformation und Landesvermessung, Technische Universität, Vienna ("Wie man eine Welt schafft: Eine Einführung in die Ontologie des Katasters")
- Jun 2000 Ontologische Aspekte der Wissensrepräsentation, University of Leipzig ("Ontologie für Informatiker")
Philosophie und Wissenschaft, University of Koblenz ("Kant, Husserl und die Physik")
- Aug 2000 Rationality and Irrationality. [23rd International Wittgenstein Conference](#), Kirchberg, Austria ("The Chinese Rune Argument")
- Sep 2000 Geographical Domain and Geographical Information Systems: Euro-Conference on Ontology and Epistemology for Spatial Data Standards, Sponsored by the European Commission, La Londe-les-Meures, September 22-27 (France), (Two Plenary Lectures: "Partitions" and "Mont Blanc, Lake Constance, Sakhalin Island: Gaps, Gluts and Vagueness")
- Oct 2000 GIScience 2000: First International Conference on Geographic Information Science, Savannah, Georgia, October 28 (Opening Plenary Lecture: "[Ontological Imperialism](#)")
- Feb 2001 Die Philosophie und die Wissenschaften: Beckers Überlegungen zur Begründung der Mathematik, Fernuniversität Hagen, February 2 ("Was heisst mathematische Existenz?")
Ontologische Aspekte der Wissensmodellierung. Workshop des Graduiertenkollegs Wissensrepräsentation, Universität Leipzig, February 12-13 ("Eine Lehre von Aufteilungen" and "Referenz als Projektion")
- Mar 2001 The Metaphysical Society of America Annual Meeting, University at Buffalo. Categories, March 9-11 ("Carving up Reality: A Theory of Categories")

- Austrian Law and Economics: The Contributions of Adolf Reinach and Murray N. Rothbard, Ludwig von Mises Institute, Auburn, Alabama (“The *A Priori* Ontology of Social Reality”)
Austrian Scholars Conference, Ludwig von Mises Institute, Auburn, Alabama (“Searle’s New Theory of Social Objects”)
- May 2001 Les Recherches Logiques d’Edmund Husserl: Origines et Posterite de la Phenomenologie, Université du Québec à Montréal and McGill University, May 28-30 (“Intentionality as Projection”)
- Jun 2001 Ontological Foundations for Geographic Information Science, Summer Assembly of the University Consortium for Geographic Information Science (UCGIS), Buffalo (“Ontology Good and Bad”)
- Jul 2001 The I in Geographic Information Science, Meeting on Fundamental Questions in GIScience organized by Keele University, Manchester (“A General Theory of Spatial and Non-Spatial Partitions”)
- Aug 2001 Wittgenstein and the Future of Philosophy: A Reassessment after 50 Years, [24th International Wittgenstein Conference](#), Kirchberg, Austria (“The Grain of Truth”)
- Sep 2001 [Spatial Information Theory: Foundations of Geographic Information Science](#), COSIT 2001, Morro Bay, California, September 20-23 (“True Grid”, “A Taxonomy of Granular Partitions” (with Thomas Bittner), “Features, Objects, and Other Things: Ontological Distinctions in the Geographic Domain” (with David Mark and André Skupin)
The Philosophy of a Free Society, Ludwig von Mises Institute, Auburn, Alabama, September 28-29 (“Capitalism and the Meaning of Life”)
- Oct 2001 [Formal Ontology and Information Systems \(FOIS\)](#): Second International Conference, Ogunquit, Maine (“Granular Partitions and Vagueness” (with Thomas Bittner), “GOL—A General Ontological Language” (with Wolfgang Degen, Barbara Heller and Heinrich Herre)
International Conference on Culture and Space, Quebec, Canada, October 19-20 (“Language, Maps and Other Cultural Artefacts”)
- Nov 2001 European Union COST Action G9 on Modeling Real-Property Transactions, University of Bremen, Germany (“The Metaphysics of Real Estate and the Cadastre”)
Assessing Analytic Philosophy: Twentieth Century Analytic Philosophy in Retrospect 1900–2000, University at Buffalo, November 9-10 (“Response and Further Issues in Continental Analytic Philosophy”)
- Dec 2001 New York Association of Scholars, New York, December 2 (“Academic Standards and the Meaning of Life”)
- Apr 2002 Ontological Spring, Introductory Workshop in Ontology, Naumburg, Germany (Four talks: “What is Ontology”, “Tools of Ontology: Parts, Wholes and Universals”, “Partitions of Reality”, “Ontology in Information Science: Its Glory and Its Misery”)
- May 2002 Higher Education and Democracy in Peace and War. Tenth National Conference of the National Association of Scholars, Washington DC, March 31–June 2 (“After Relativism, What?”)
- Jun 2002 Opening Lecture, Alexander von Humboldt Conference of Philosophers, Berlin, 19–20 June (“How to Test a Philosophical Theory Empirically”)
Physik, Information und Informationssysteme. Symposium of the Arnold-Sommerfeld-Gesellschaft and the University Leipzig, June 20-21 (“Quantentheorie—Kein Trost für Kantianer”)
- Jul 2002 Between Data Science and Everyday Web Practice. Annual Conference of the Gesellschaft für Klassifikation, Universität Mannheim (“The Theory of Granular Partitions: A New Paradigm for Ontology”)
- Aug 2002 Persons—An Interdisciplinary Approach, [25th International Wittgenstein Conference](#), Kirchberg, Austria, August 11-17 (“The Moral Significance of the Question When a Human Being Begins to Exist” and “The Metaphysics of Human Origins” (both with Daniel Cohnitz))
MIE2002: 17th International Congress of the European Federation for Medical Informatics, Budapest, August 25-29 (“[Understanding the Message: Linking Aristotelian Realism to Linguistic Functionalism](#)”, keynote lecture, co-authored with Werner Ceusters)
- Oct 2002 Ontologie Analitiche, Centro Interuniversitario di Ontologia Teorica e Applicata, Dipartimento di Filosofia, Università di Torino, October 24-26 (“The True™ Story”)
- Nov 2002 Action-Oriented Approaches in Geographic Information Science, University of Maine,

- November 2-4 (Barry Smith and Pierre Grenon, "Ontology for Dynamic Entities")
 Formal Concepts, University of Geneva, November 22-25 ("The Cornucopia of Formal Relations")
 A New Research Agenda for Philosophy, Hungarian Academy of Sciences, November 29-30 ("The World as Database")
- Jan 2003 Properties, Modalities, and States of Affairs, University of Konstanz, January 24-25 ("Against Fantology: The Case of Properties")
- Feb 2003 Towards Intelligent Dictionaries? Seminar on Multilingual Terminography, Department of Applied Linguistics, Erasmus University, Brussels (Werner Ceusters and Barry Smith, "Ontology for Multilingual Terminography")
- Apr 2003 The Mystery of Capital and the Construction of Social Reality, University at Buffalo ("Searle and de Soto: The New Ontology of the Social World")
 Colloquium on Knowledge Management, Department of Language and Speech, Nijmegen University (Werner Ceusters and Barry Smith, "A Realist Ontology for Natural Language Understanding")
 Ontologia della proprietà intellettuale, Centro Interuniversitario di Ontologia Teorica e Applicata, Dipartimento di Filosofia, Università di Torino ("How to Rent a Car, and Why You Can't Rent a Person")
 6th AGILE Conference on GIScience (Annual Conference of the Association of Geographic Information Laboratories), Lyon, France, April 24-26 (David M. Mark, Andrew Turk, Barry Smith, Werner Kuhn: "Ontology, Semantics, Natural Language, and Information Systems: Methodological Implications of Cross-Linguistic Studies of Geographic Terms")
- May 2003 MIE 2003 (18th International Congress of the European Federation for Medical Information), St Malo, France (Opening Plenary Lecture: ["Ontology, the Semantic Web, and the Unification of Medical Knowledge"](#)), May 4-7, 2003.
 MIE 2003 (18th International Congress of the European Federation for Medical Information), St Malo, France (Werner Ceusters, Ignace Desimpel, Barry Smith, Stefan Schulz, "Using Cross-Lingual Information to Cope with Underspecification in Formal Ontologies")
 MIE 2003 (18th International Congress of the European Federation for Medical Information), St Malo, France (Werner Ceusters and Barry Smith, Workshop on Ontology for the Medical Domain)
 TEPR (Toward an Electronic Patient Record) 2003: Electronic Patient Management, 19th Annual Conference of the Medical Records Institute, San Antonio, Texas (Werner Ceusters and Barry Smith, "Ontology and Medical Terminology: Why Description Logics are not Enough", read by Werner Ceusters)
 Mobile Communication, 5th Annual Conference of the Society for Phenomenology and Media, Helsinki ("The Ecological Approach to Mobile Communication")
 Semantic Ontology–Ontological Semantics, University of Leipzig ("Ontology: Generalizing Davidsonian Semantics")
 Searle and the Ontology of Civilization, Center for Theoretical Studies, Charles University, Prague, Czech Republic ("[On Free-Standing Y-Terms](#)", [Audio](#))
- Jun 2003 Wissenschaftstheorie in Ökonomie und Wirtschaftsinformatik, University of Koblenz ("Vertrag, Vertrauen und Verbindlichkeit: Die Ontologie der menschlichen Interaktion")
 Workshop on Medical Ontology, Division of Medical Informatics, University of Geneva, June 27 ("Problems of Medical Ontology")
- Aug 2003 International Congress on Logic, Methodology and Philosophy of Science, Oviedo, Spain ("Cognitive Science and Biomedical Informatics: From the Gene Ontology to the Unified Medical Language System")
 Symposium on Integrative Bioinformatics, University of Bielefeld, August 4-5 ("Ontology assisted database integration", paper read by Jean-Luc Vershelde)
- Sep 2003 International Spatial Cognition Summer Institute (ISCSI), Bad Zwischenahn, Germany (Tutorial and Workshop on "Ontology, Space and Language", with John Bateman)
 KI 2003: Annual Conference of the German Artificial Intelligence Society, Hamburg, Germany ("The Unified Medical Language System and the Gene Ontology" (with Anand Kumar))
 Reference Ontology and Application Ontology, Workshop at KI 2003: Annual Conference of the

- German Artificial Intelligence Society, Hamburg, Germany (“Reference Ontology, Application Ontology, Terminology Ontology”)
- [Conference on Spatial Information Theory \(COSIT 2003\)](#), Ittingen, Switzerland (“Layers: A New Approach to Locating Objects in Space” (with Maureen Donnelly))
- Oct 2003 Workshop on Ontologies in Medicine, CNR-ISTC and Laboratory for Applied Ontology Rome, October 8-9, 2003 (“Parts and Classes in Biomedical Ontology”)
- Nov 2003 Third International Meeting for Husserl Studies, Kyoto University (“Husserlian Ecology”)
- Jan 2004 Inaugural Meeting of the European Union Network of Excellence in Medical Informatics and Semantic Datamining, Linköping (“Challenges to Biomedical Ontology”)
- Mar 2004 International Workshop on Data Integration in the Life Sciences (DILS 2004), Leipzig (“On the Application of Formal Principles to Life Science Data: A Case Study in the Gene Ontology”)
- Apr 2004 International Joint Meeting of the European Centre for Medical Informatics, Statistics and Epidemiology (EuroMISE 2004), Prague (“A General Framework for Implementation of Clinical Guidelines by Healthcare Organizations”)
- May 2004 [The Formal Architecture of the Gene Ontology](#), Leipzig, May 28–29 (“[Smart Terminologies through Ontological Principles \(STOP!\)](#)”)
- Jun 2004 First International Workshop on Formal Biomedical Knowledge Representation (KR-MED 2004), Whistler, Canada (“Investigating Subsumption in DL-based Terminologies: A Case Study in SNOMED-CT”)
- International Workshop on Holistic Epistemology and Action Theory, University of Leipzig (“Searle and De Soto – The New Ontology of the Social World”)
- Jul 2004 Husserl and the Historical Epistemology of the Sciences, Max Planck Institute for the History of Science, Berlin (“[Formal Ontology and Biomedical Informatics: Aristotle, Darwin, Husserl](#)”)
- Tutorial in Ontology, Summer School of European Union Network of Excellence in Medical Informatics and Semantic Datamining, Balatonfüred, Hungary, July 4-6 (“Foundations of Ontology”)
- Ontology Workshop, Summer School of the European Union Network of Excellence in Medical Informatics and Semantic Datamining, Balatonfüred, Hungary (“Anatomy and Time”)
- Seventh Annual Bio-Ontologies Workshop, International Conference on Intelligent Systems for Molecular Biology, Glasgow (“Ontology and Biology”)
- Aug 2004 Analysis and Experience. [27th International Wittgenstein Conference](#), Kirchberg, Austria (“Forms of Life”, Plenary Lecture; “Against Predicate Logic”)
- Coling: The 20th International Conference on Computational Linguistics, University of Geneva, Switzerland (“The Unbearable Lightness of Biomedical Informatics”, Keynote Lecture)
- Computerm 2004–3rd International Workshop on Computational Terminology, Geneva, Switzerland (“Dependence Relationships between Gene Ontology Terms based on TIGR Gene Product Annotations”, with Anand Kumar and Christian Borgelt)
- Sep 2004 Medinfo 2004, 7-11 September, San Francisco (“The Role of Foundational Relations in the Alignment of Biomedical Ontologies”; “Ontology-Based Error Detection in SNOMED-CT”; “Foundational Issues in Medical Ontology”; “Aspects of Ontology Creation”)
- Logic, Ontology, Aesthetics: The Golden Age of Polish Philosophy, Université de Québec à Montréal and Concordia University, September 23-26 (“Biomereology: From Formal Ontology to Biomedical Ontology”)
- GMDS Innsbruck (“Biomedizinische Ontologie in Saarbrücken”, “Ontologie-basierte Qualitätssicherung medizinischer Terminologien”, “Normalizing Medical Ontologies using Basic Formal Ontology”)
- Nov 2004 [Formal Ontology and Information Systems \(FOIS\)](#), Turin, Italy, November 3-6 (“Beyond Concepts”, “Individuals, Universals and Collections”, “The Ontology-Epistemology Divide”, “A Formal Theory of Substances, Qualities, and Universals”)
- Conference: Medicine and Metaphysics, University at Buffalo, November 13-14 (“Formal Ontology and Biomedical Informatics”)
- Applied Ontology Colloquium, Ontology Works Incorporated, Odenton, MD, November 16 (“From Knowledge Representation to Reality Representation”)
- Ontology: Interoperability of Patient Records and Biomedical Informatics, Belgian Ministry of

- Health and European Commission, Brussels, November 25 (“The Future of Clinical Bioinformatics: Overcoming Obstacles to Information Integration”)
- Interdisciplinary Ontology Forum in Japan, Keio University, Tokyo, November 29–30 (“Ontology and Its Applications”, keynote lecture)
- Dec 2004 Truthmakers: Twenty Years After, Université Paul Cezanne, Aix-en-Provence, France, December 9-11 (“True Stories”, with Jonathan Simon)
- Author Meets Critics Session on Harry Heft, *Ecological Psychology in Context*, American Philosophical Association Eastern Division Annual Conference, Boston, December 27-30 (“The Hole Story”)
- Jan 2005 The Theory of European Unification, Europa Institute, University of Saarbrücken, Germany, January 18 (“The Ontology of Unification”)
- Aspects of Mereotopology and Granularity in Bioontologies, University of Freiburg, Germany, January 21-22 (“Relations in Biological Ontologies”)
- Apr 2005 The Future of the UMLS Semantic Network. Workshop of the National Library of Medicine, National Institutes of Health, Bethesda MD, April 7-8, 2005 (“[Semantic Network vs. Biomedical Ontology](#)”)
- Mapping the Human Body, National Center for Ontological Research, Buffalo April 16–17 (“Wounded Knees”)
- Ontologies and Biomedical Informatics, Conference of the International Medical Informatics Association, Rome, April 29–May 2 (“New Desiderata for Biomedical Terminologies”)
- May 2005 Forum Engelberg, Luzern, Switzerland, May 21–24 (“Language and the Future of Biomedicine”)
- Ontology of Personal Memory, German Research Center for Artificial Intelligence, Saarbrücken (“The Ontologically Privileged Status of the Past”: keynote address)
- Universität am Schlossplatz, Volkshochschule Saarbrücken, May 29 (“Aristoteles und die Medizininformatik”)
- Jun 2005 E-CAP (European Computing and Philosophy), Mälardalen, Sweden, June 2–4 (Carl Linnaeus Lecture, “Biological Ontologies”)
- Bio-Ontologies Workshop, Intelligent Systems for Molecular Biology (ISMB 2005), Detroit, June 24 (“On the Proper Treatment of Pathologies in Biomedical Ontologies”)
- Jul 2005 European Centre for Ontological Research, Inaugural Meeting, Saarland University, Saarbrücken, July 27-28 (“Africa!”)
- Aug 2005 Medical Informatics Europe, Geneva, August 24-30 (“Wüsteria”, “The Significance of SNODENT”, “Tracking Referents in Electronic Healthcare Records”)
- Sep 2005 Conference on Spatial Information Theory, Ellicottville NY, September 15–17 (“Anatomical Information Science”)
- [Knowledge-Based Bioinformatics Workshop](#), FungalWeb, Montreal, September 21–23 (“Biomedical Ontologies: The Good, the Bad and the Ugly”)
- Oct 2005 Ontology and Taxonomy Coordinating Work Group Meeting, Mitre Corp., McLean, Virginia, October 5 (“The National Center for Ontological Research”)
- Ontolog Forum, October 13 (“[How to Do Things with Paper: The Ontology of Documents and the Technologies of Identification](#)” ([Slides](#), [Audio](#)))
- American Medical Informatics Association Annual Conference, Washington DC, October 22–26 (“An Ontology-Based Methodology for the Migration of Biomedical Terminologies to Electronic Health Records”, “Resolving ambiguities in current uses of the term ‘concept’”, “How to Distinguish Parthood from Location in Bioontologies” (with Stefan Schulz *et al.*), “A Strategy for Improving and Integrating Biomedical Ontologies” (with Cornelius Rosse *et al.*), “Ontology: The New Era” (Invited panel presentation)).
- Inaugural Conference of the National Center for Ontological Research, University at Buffalo, October 27 (“The National Center for Ontological Research”, [Video](#))
- Bio-Ontologies: Workshop of the Buffalo Center for Ontological Research, October 28 (“Symposium on the Gene Ontology” (with David Hill))
- Nov 2005 Hegeler-Carus Foundation, La Salle, Illinois, November 4-6 (“*The Monist*, Monism, and the Future of Philosophy”)
- Ontolog Forum Panel on eGovernment-Related Ontology – Differentiation and Synergy,

- November 10 (“Five Steps to Interoperability”)
- Dec 2005 Quantities, Numbers, and Parts, Workshop of the Institute for Formal Ontology and Medical Information Science, Saarbrücken, December 1–2 (“The Ontology of Measurement”) Naturalisierung des Menschen, Humboldt-University, Berlin, December 2–4 (“Ontologie des menschlichen Körpers als Organismus”)
- Feb 2006 Fourth Semantic Interoperability for E-Government Conference, Mitre, McLean VA, February 9–10 (“HL7 RIM”) Functional Genomics Investigation Ontology (FuGO) Workshop, University of Pennsylvania, February 13–15 (“How to Build an Ontology”).
- Mar 2006 Biomedical Informatics Research Network (BIRN) Ontology Workshop, National Center for Biomedical Ontology, Stanford University, March 1 (“Tutorial: Critical Review of BIRN Ontologies”) Japanese Ontology Forum, Second Conference, March 10–11 (Keynote Speech: “How to Build an Ontology”) Japanese Artificial Intelligence Society Annual Conference, March 10 (“Forming JCOR”) Upper Ontology Summit, National Institute of Standards and Technology, Gaithersburg MD, March 14–15 (“[Basic Formal Ontology](#)”) Philosophical Aspects of Quantum Mechanics, Workshop of the Institute for Formal Ontology and Medical Information Science and the Department of Philosophy, Saarland University, March 15 (“Quantum Mechanics and Realism”) Naturalisierung des Menschen, Humboldt-University, Berlin, March 17–19 (“Definitionen der Gesundheit”) Ontology Workshop: Focus on Immunity, National Institute of Allergy and Infectious Disease, National Institutes of Health, Bethesda MD, March 21–22 (“Biomedical Ontologies: An Overview”) Image Ontology Workshop, National Center for Biomedical Ontology, Stanford University, March 23–24 (“Principles of Ontology Design”) St. Croix, Gene Ontology Consortium Annual Meeting, 30 March–April 2 (Invited Tutorial: “Principles of Biomedical Ontology Design”)
- May 2006 Philosophy and Informatics Conference, German Informatics Society, Saarbrücken, 3–4 May (Keynote Lecture: “Ontology and the Future of Biomedical Research”) NCBO/OBO Consortium Workshop on PATO: The Phenotype Ontology, 17–20 May (“Towards a Single Hierarchy Phenotype Ontology”)
- Jun 2006 Workshop on Multi-Lingual Semantic Annotation: Theory and Applications, Saarland University, Saarbrücken, Germany, June 26-27 (“Pax Terminologica”)
- Jul 2006 Naturalisierung des Menschen, Humboldt-University, Berlin, July 13-14, 2006 (“Ontologie des menschlichen Lebewesens: Substanz und Funktion”) Milaneseana, Teatro del Verme, Milan, July 16 (“Document Acts”) National Centers for Biomedical Computing and National Institutes of Health, Bethesda, MD, July 17, 2006 (“Ontology: A Vision for the Future and Its Realization”) Functional Genomics Investigation Ontology Workshop, European Bioinformatics Institute, Hinxton, Cambridge, UK, July 24-28, 2006 (“The OBO Foundry Principles”, “Formal review of BFO and DOLCE”, “The Need for an Investigation Ontology”)
- Aug 2006 Cultures: Conflict – Analysis – Dialog: 29th International Wittgenstein Conference, August 6–13 (“Document Acts” (plenary talk), “[Ways of Worldmarking](#)”) Medical Informatics Europe, Maastricht, Netherlands, August 27–30 (“HL7 RIM: An Incoherent Standard”, “Referent Tracking: The Problem of Negative Findings” (with Werner Ceusters and Peter Elkin))
- Sep 2006 Model Organism Anatomy Ontology, National Center for Biomedical Ontology, Seattle, September 8-9 (“Principles of Ontology Design”) [EDV-Gerichtstag](#), Saarland University, Saarbrücken, September 13 (Keynote lecture: “[Die Ontologie des Dokuments](#)”; Workshop presentation “[Ontologien: ein Überblick](#)”)
- Oct 2006 National Center for Biomedical Ontology and PharmGKB, Stanford University, October 25, 2006 (“How to Build an Ontology”)

- The Philosophy of Biology, National Center for Ontological Research, Buffalo, October 28, 2006 (“On the Canonical Life”)
- Nov 2006 Disease Ontology, National Center for Biomedical Ontology, Baltimore, November 6-7, 2006 (“What a Disease Ontology is For”)
[Biomedical Ontology in Action](#) (KR-MED 2006), November 8, 2006, Baltimore, MD (“Towards a Reference Terminology for Ontology Research and Development”)
[Formal Ontology and Information Systems \(2006\)](#), Johns Hopkins University, Baltimore, Nov 8-10, 2006 (“Against Idiosyncrasy in Ontology Development”)
 Biomedical Imaging Ontologies, Workshop, American Medical Informatics Association Annual Symposium, Washington DC, November 11, 2006 (“Ontology over Images”)
 Genomics Knowledge Representation for Clinical Trials, Workshop, American Medical Informatics Association Annual Symposium, Washington DC, November 12, 2006 (“Towards an Ontology for Clinical Trials”)
 Panel on the Future of HL7, American Medical Informatics Association Annual Symposium, Washington DC, November 14, 2006 (“HL7 RIM”)
 NAS Conference, Boston, November 17-19, 2006 (“Legislation and the Academic Bill of Rights”)
 Ontology for the Intelligence Community, Conference of the National Center for Ontological Research, Columbia, MD, November 30-December 1, 2006 (“Ontology: A Guide for the Intelligence Analyst”; “Ontology: A Strategy for the Future”)
- Dec 2006 Knowledge Environments for Biomedical Research, National Institutes of Health, Bethesda, December 12, 2006 (“The Virtuous Knowledge Environment Cycle”)
 NIST / Ontolog Forum / NCOR Series on Ontology Measurement and Evaluation, December 21, 2006 (“[Ontology Evaluation in Biomedicine](#): The OBO Foundry Initiative”)
 Society for Machines and Mentality, American Philosophical Association Eastern Division Meeting, December 28, 2006 (“Software and Other Cultural Artifacts”)
- Jan 2007 Ontology for Biomedical Investigations, La Jolla Institute for Allergy and Immunology, San Diego, January 29-February 2, 2007 (“The Clinical Trial Ontology”)
- Mar 2007 Towards Interoperability of Biomedical Ontologies, [Dagstuhl Seminar](#), March 25-29 (“Basic Formal Ontology”)
- Apr 2007 [eHealth: From Strategies to Applications](#), Messe Berlin, April 18, 2007 (“Referent Tracking: Towards Semantic Interoperability and Knowledge Sharing”)
 Visual and Conceptual Structuring of Action-Dependent Knowledge Representation, April 19-20, Department of Philosophy and Heinz Nixdorf Institute, University of Paderborn, Germany (“Ontologie als konkretisierte Darstellungen der Wirklichkeit”)
[Semantic Days](#), Stavanger, Norway, April 24-25 (“[The art of creating useful ontologies](#)”)
- May 2007 [Clinical Trial Ontology Workshop](#), NCBO and National Heart, Lung and Blood Institute/NIH, Bethesda, MD, May 16-17, 2007 (“Clinical Trial Ontology: Creating Consensus”)
- Jun 2007 Sharing Knowledge through the ICF: 13th Annual North American WHO Collaborating Center Conference on the ICF, Niagara Falls, June 7, 2007 (Tutorial on Biomedical Ontologies)
 The Role of Service Oriented Architecture in Achieving Semantic and Technical Interoperability, IBM and German Ministry of Health, IBM Stuttgart, June 19 (“The role of ontologies and terminologies in electronic health services”)
 European Union OPEN eHealth Initiative Working Meeting, Prague, June 26-28 (“Semantic Interoperability and the Provision of Patient Data for Cross-Border Emergency Care”)
- July 2007 Bio-Ontologies Workshop, Intelligent Systems for Molecular Biology (ISMB), Vienna, Austria, July 19, 2007 (“Gene Ontology Annotations: What they mean and where they come”, with Judith Blake and David Hill).
- Aug 2007 The EnvO Workshop: Developing an Ontology for Describing the Environments of organisms and Biological Samples, UK National Environment Research Council, OERC: Oxford e-Research Centre, UK, August 29-31 (“Introduction to Ontologies for Environmental Biology”)
- Oct 2007 [Evolution of Semantic Systems](#), Frege Center for Structural Sciences, University of Jena, Germany, October 5-6 (“Evolving Ontologies: The Future of Biomedical Informatics”)
 The Metaphysics of Vectors, University of Geneva, Switzerland, October 20-21 (“How Philosophy of Science Can Help Biomedical Research”)

- Methods and Metrics for Ontology Evaluation Workshop (Sponsors: NIST and NIH), National Institute of Standards and Technology, Gaithersburg, MD, October 25-26 (“Evaluation of Ontologies through an Editorial Process”)
- Nov 2007 Hegeler-Carus Foundation Advisors Meeting, LaSalle, IL, November 3-4 (“The Monist: Past, Present and Future”)
- Environment Ontology, Cold Spring Harbor Laboratories, Long Island, NY, November 15-16 (“Development of the Environment Ontology”)
- Ontology for the Intelligence Community, Columbia MD, November 28-29 (with T. Janssen, *et al.*, “A Multi-INT Geospatial and Temporal Semantic Reasoning Framework for Intelligence Analysis Support”)
- Dec 2007 Protein Ontology Kick-Off Meeting, Georgetown University, Washington DC, December 2-4, 2007 (“The Protein Ontology within the OBO Foundry”).
- Jan 2008 Ontology for Biomedical Investigations, British Columbia Cancer Foundation, Vancouver, Jan. 28-30 (OBI, the OBO Relation Ontology and the Information Ontology)
- Feb 2008 [Inaugural Conference of the Japanese Center for Ontological Research](#), February 26-27 (“The Evaluation of Ontologies: Peer Review vs. Democratic Ranking”).
- Mar 2008 [Ontology of Cellular Networks](#), National Center for Biomedical Ontology, Newark, NJ, March 26-27 (“Introduction to Biomedical Ontology”)
- Apr 2008 Ontolog Forum-NIST-NCOR Ontology Summit, Gaithersburg, MD, April 28-29 (“Ontology Quality Control and Gatekeeping”)
- May 2008 The Organism-Environment System, Center for the Ecological Study of Perception and Action (CESPA), University of Connecticut, May 15 (“The Environment Ontology”)
- [The Relation Ontology](#), School of Medicine, University of Colorado, Denver, May 19-20 (“The OBO Relation Ontology: Preliminaries”)
- Jun 2008 First Information Entity Ontology Workshop, Science Commons, MIT, Cambridge MA, June 9-10 (“What are Information Entities?”)
- Evolutionary Biology and Ontologies. workshop organized as part of the Evolution 2008 Conference in the University of Minneapolis, MN on June 20, 2008 (“An Introduction to Ontology for Evolutionary Biology”)
- Jul 2008 First Open Biomedical Ontologies Foundry Summit, European Bioinformatics Institute, Hinxton, Cambridge, July 7-8 (“The OBO Foundry Principles”)
- Ontology for Biomedical Investigations, European Bioinformatics Institute, Hinxton, Cambridge, July 9-11 (“BFO and the Relation Ontology”).
- Aug 2008 Seminário de Pesquisa em Ontologia no Brasil, August 11-12, Department of Information Science, Universidade Federal Fluminense, Brazil (“Ontology Science vs. Ontology Engineering: The Case of Biomedicine”)
- Sep 2008 Discrete Clinical Data Acquisition, Modeling, and Use, Cleveland Clinic Department of Cardiovascular Surgery, September 22 (“What’s an Ontology and Why Do I Care?”)
- Oct 2008 epSOS Workshop on Semantic Services, German Institute for Medical Documentation and Information, Cologne, October 1 (“Ontology-Supported Semantic Services”)
- [Philosophy’s Relevance in Information Science](#), Heinz Nixdorf Institute, Paderborn, Germany, October 3-4 (“The Relevance of Ontology in Information Science”)
- Nov 2008 [Formal Ontology in Information Systems \(FOIS\)](#), Saarbrücken, Germany, 2-4 November (“[Ontology \(Science\)](#)”)
- [Second Annual Protein Ontology Meeting](#), Georgetown University, Washington DC, November 18-19 (“PRO within the OBO Foundry”).
- Conference of the Congenital Heart Surgeons’ Society, Sick Kids Hospital, Toronto, November 21 (“Ontology of Congenital Heart Disease”)
- Dec 2008 [Ontology for the Intelligence Community](#), George Mason University, December 3 (“Ontology for the Intelligence Community: A Strategy for the Future”)
- Workshop on Approaches to Legal Ontologies, Department of Law, European University Institute, Florence, Italy, December 9 (“Legal Ontology: The Scientific Perspective”)
- Jurix 2008: 21st International Conference on Legal Knowledge and Information Systems, University of Florence, Italy, December 10 (“How To Do Things With Documents”)

- Jan 2009 [Second Evolutionary Biology and Ontologies Workshop](#). Organized as part of the Annual Meeting of the Society for Integrative and Comparative Biology (SICB) in Boston, MA on January 5 (“What is Ontology and Why do you need it?”)
Volkswagen Foundation, Berlin-Brandenburg Academy of Sciences, January 12-13 (“Humanities and the Natural Sciences”)
Command and Control Core Ontology Exchange Meeting, National Center for Ontological Research and Army Net-Centric Data Strategy Center of Excellence, January 15-16 Buffalo NY (“Success Stories in Use of Ontologies: Examples from Biomedicine and Lessons Learned for the Command and Control Ontology”)
- Feb 2009 InterOntology: 2nd Interdisciplinary Ontology Conference, Keio University, Tokyo, February 27-March 1 (“How to Build an Ontology” and “Ontology: The Road to Coordination” (keynote lecture))
- Mar 2009 [Ontolog-Forum Panel](#), March 12 (“How to Organize the World of Ontologies”)
American Medical Informatics Association Translational Summit, San Francisco, March 15-17 (“Towards an Ontology of Disease and Diagnosis”, with Richard Scheuermann)
International Association for Dental Research Consensus Workshop: Convergence on an Orofacial Pain Taxonomy, Miami, March 30-April 1 (“Ontology: Background and Rationale” (plenary lecture))
- May 2009 epSOS Terminology Working Group, German Institute for Medical Documentation and Information, Cologne, May 20 (“epSOS Pilot Project in Semantic Interoperability”)
- Jun 2009 OBO Foundry Workshop, European Bioinformatics Institute, June 7-8, 2009 (“Reviews of OBO Foundry Ontologies”)
EBI-Industry Group, European Bioinformatics Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge, June 9 (“The OBO Foundry: Governance”)
Workshop on the OBI Ontology for Biomedical Investigations, European Bioinformatics Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge, June 10-11 (“The OBO Foundry: Requirements”)
Ontology-Driven Semantic Interoperability in eHealth, European Commission Directorate General Information Society and Media, Brussels, June 22-23 (“Semantic Interoperability and Strategies for the Standardization of Medical Information: An epSOS Demonstrator Project”)
- Aug 2009 Concept Types and Frames in Language, Cognition and Science, University of Düsseldorf, August 24-26 (“The Relation Ontology”)
Medical Informatics Europe, Sarajevo, Bosnia, August 29-September 2 (“Why are ontologies needed to achieve EHR interoperability?”; “An Evolutionary Approach to the Representation of Adverse Events”, with Werner Ceusters, Maria Capolupo and Georges De Moor)
- Sep 2009 Signs, Symptoms and Findings: Towards an Ontology for Clinical Phenotypes, Italian National Research Council Institute for Biomedical Technologies and University of Milan, September 4-5 (“BFO and Disease”)
Plant Ontology Workshop, Cornell University, Ithaca, NY, September 14 (“Towards a Common Plant Ontology”)
Performance Metrics for Intelligent Systems (PERMIS) Conference, September 21-23, National Institute of Standards and Technology (NIST), Gaithersburg, MD (with Lowell Vizenor, “Universal Core Semantic Layer: A Roadmap to Semantic Interoperability”)
UCore Users Conference, Mitre Corp., McLean, VA, September 23-24 (“UCore Semantic Layer”)
Conference on Ontology, North Carolina State University Logic and Cognitive Science Initiative (LACSI), September 25-26 (“[Towards a Common Upper Level Ontology](#)”)
- Oct 2009 IHTSDO Conference on SNOMED-CT, Bethesda, MD, October 8 (“Basic Formal Ontology”)
Ontology for the Intelligence Community, George Mason University, Fairfax, VA, October 21-22 (“Universal Core Semantic Layer”; “Referent Tracking for Command and Control Messaging Systems”)
- Nov 2009 Ontolog Forum, November 5 (“Towards Ontology Certification”)
- Dec 2009 Pistoia Alliance Cross-Industry Vocabulary Workshop. Exploring Public-Private Partnership Models for Sustainable Pharmaceutical Vocabulary Services, December 2-3, Pfizer Technology Research Center, Cambridge MA (“The Pistoia Neurotoxicity Pilot”)

- 2010 Ontology Summit Launch Event, December 10 (“Towards Ontology Certification: Meeting the Need for Trained Ontologists”)
- Jan 2010 Disease Ontology, Northwestern University, Chicago, January 16-17 (“The Ontology for General Medical Science”)
- Feb 2010 [Ontology Summit 2010](#), on-line panel session, February 11 (“A Template for Ontology Training Programs”)
- OBO Foundry Workshop, European Bioinformatics Institute, Wellcome Trust Genome Campus, Hinxton, February 15-16, 2010 (“The Disease Ontology”, “Basic Formal Ontology Version 2.0”)
- Pistoia Alliance Conference, European Bioinformatics Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge, February 17-18 (“OBO Foundry: Recent Developments”)
- Mar 2010 [ARGOS](#): Transatlantic Observatory for Meeting Global Health Policy Challenges through ICT-Enabled Solutions, Consortium Meeting, Barcelona, Spain, March 15 (with Werner Ceusters)
- [Ontology Summit 2010](#), National Institute of Standards and Technology (NIST), Gaithersburg, MD, March 15-16 (“What are we doing right, and what are we doing wrong, in ontology education”)
- Apr 2010 [First Paolo Bozzi Ontology Lecture, University of Turin](#), April 15 (“[Towards a Theory of Document Acts](#)”)
- Third Annual Protein Ontology Meeting, University of Delaware, April 26-28 (“The OBO Foundry in 2010”)
- May 2010 FOIS Workshop on Ontology Education, University of Toronto, May 11 (“Creating a Common Body of Knowledge for the Discipline of Ontology”)
- [Formal Ontology in Information Systems \(FOIS\)](#), University of Toronto, May 12-15 (“Evaluating Ontologies” (with Mathias Brochhausen), “Dispositions and the Infectious Disease Ontology”, with Albert Goldfain and Lindsay Cowell)
- Open Toxicology (OpenTox) Consortium Virtual Meeting, May 13 (“Introduction to OBO Ontology Development”)
- Jun 2010 International Workshop on Bio-Ontologies, Institute for Formal Ontology and Medical Information Science, Saarland University, Saarbrücken, Germany, June 28 (“Classification Then and Now”)
- [La métaphysique appliqué](#): Séminaire des Treilles, Fondations les Treilles, Tourtour, France, June 29-July 2 (“Applied Ontology” and “BFO and Disease”)
- Aug 2010 [Conference on Collective Intentionality VII](#), August 23-26, Basel, Switzerland (“[New Foundations for Social Ontology](#)” and “[Is Money a ‘Product of Massive Fantasy?’](#)”)
- Sep 2010 Joint Forces Command Next Generation Training Environment, Norfolk, VA, September 1 (“Coordination Management Process for Ontology-Based Information Integration”)
- [Infectious Disease Ontology Workshop, 13th World Congress on Medical and Health Informatics \(Medinfo 2010\)](#), Cape Town, South Africa, September 11, 2010 (“[IDO and the OBO Foundry](#)”),
- [13th World Congress on Medical and Health Informatics \(Medinfo 2010\)](#), Cape Town, South Africa, September 13, 2010 (“[A Unified Framework for Biomedical Terminologies and Ontologies](#)”, with Werner Ceusters)
- Oct 2010 Joint Forces Command Live, Virtual, Constructive Architecture Framework (LVCAF), Virginia Modeling and Simulation Center (VMASC), Suffolk, VA, October 4 (“Ontology Development Best Practices”)
- Nov 2010 [Plant Ontology Workshop](#), New York Botanical Gardens, Bronx, NY, November 5 (“BFO and the Plant Ontology”)
- [Transatlantic Observatory for Meeting Global Health Policy Challenges through ICT-Enabled Solutions](#), Argos Consortium Conference, Washington DC, November 12 (“Semantic Interoperability: Reuse of EHR Data”, with Werner Ceusters)
- Feb 2011 Disease Ontology Workshop and Advisory Board Meeting, Institute for Genomic Sciences, University of Maryland, February 8-9 (“OGMS’ Spawn”)
- [Ontology and Analytical Metaphysics](#), Open Research Centre for Logic and Formal Ontology, Keio University, Tokyo, February 24-25 (“Materials Towards an Ontology of Pain”, “The Ontology of Documents”)

- Mar 2011 National Center for Biomedical Ontology Project Meeting, March 1-3 (“Dissemination and Ontology Best Practices”)
 Advancing Oral Health Worldwide, International Association for Dental Research General Meeting, San Diego, March 16 (“Development of the Field of Biomedical Ontology” and “Saliva Ontology: A Unique Controlled Vocabulary for Salivary Research”)
- Apr 2011 [Jubileumsseminar Anders Grimsmo](#), Department of Public Health and General Practice, Norwegian University of Science and Technology, Trondheim, April 7 (Keynote speech, “Toward an Ontological Treatment of Disease and Diagnosis”)
 EviCare Workshop on Ontology and the Representation of Clinical Guidelines, Department of Computer and Information Science, Norwegian University of Science and Technology, Trondheim, April 8 (“An Introduction to Biomedical Ontology”)
[Workshop on Ontology Driven Implementation of Semantic Services for the Enterprise Environment \(ODISSEE\)](#), sponsored by US Federal Government, Alion Science and Technology and the National Center for Ontological Research, Washington DC, April 12-13 (“Coordinated Development of Ontologies Across Diverse Communities of Interest”)
- May 2011 [Ratio Conference on Metaphysics](#), Reading University, Reading, United Kingdom, May 7 (“Classifying Diseases”)
[ARGOS Transatlantic Observatory for Meeting Global Health Policy Challenges through ICT-Enabled Solutions](#), Budapest, Hungary, May 11 (“An Evolutionary Strategy for Incremental Realization of Genuine Semantic Interoperability in the EHR Domain”)
- Jun 2011 Ontology-Based Research on Medicare/Medicaid Data, School of Pharmacy and Pharmaceutical Sciences, University at Buffalo and Department of Pharmacological Sciences, Stony Brook University, June 15 (“Biomedical Ontology in Buffalo”)
[How to Build Ontologies for Clinical and Translational Research, Department of Human Genetics, Emory University](#), June 29, 2011 (“Review of ONSTR: the Ontology for Newborn Screening Translational Research”)
- Jul 2011 [International Conference on Biomedical Ontology \(ICBO\)](#), Buffalo, NY, July 28-30, 2011 (“Panel: Collaborative Ontology Development: Why? and How?”)
[Working with Multiple Biomedical Ontologies](#). Workshop organized in conjunction with the [International Conference on Biomedical Ontology \(ICBO\)](#), Buffalo, NY, July 26-27, 2011 (“Towards a Body Fluids Ontology: A Unified Application Ontology for Basic and Translational Science” and “Coordination of Multiple Biomedical Ontologies: Basic Methodological Principles”)
- Sep 2011 [12th Genomic Standards Consortium Meeting](#) (GSC 12), Max Planck Institute for Marine Microbiology, Bremen, September 28-29 (“The World Wide Web Consortium (W3C)”, “An Introduction to Ontology as a Strategy for Data Integration”, “The Structure of the Environment Ontology”)
- Nov 2011 [Research Data: Management, Access and Control](#), University Libraries, University at Buffalo, November 14 (“[Ontologies: What Librarians Need to Know](#)”)
 Visual Learning Lab (VLL), Budapest University of Technology, November 3 (“How Vision Works” (remote presentation))
[Semantic Technology for Intelligence, Defense and Security \(STIDS 2011\)](#), George Mason University, Fairfax, VA, November 16-17 (“[Integration of Intelligence Data through Semantic Enhancement](#)” (with David Salmen); “Semantic Enhancement for Data Retrieval and Integration in the Cloud”)
- Jan 2012 What Are Artworks and How Do We Experience Them, Winter Symposium, Aarhus University, Denmark, January 26-28 (“The Emotion Ontology”)
- Feb 2012 [Interdisciplinary Ontology Conference \(InterOntology12\)](#), Keio University, Tokyo, February 23 (“On Classifying Material Entities in Basic Formal Ontology”)
[Ontology for Big Systems](#), Ontology Summit 2012, on-line symposium, February 9 (“Big Data that would benefit from ontological technology”)
- Mar 2012 [Financial Reference Data Management Conference \(FIMA 2012\)](#), New York, March 21 (“[Reference Data Integration: A Strategy for the Future](#)”)
 Gradualist Approaches to Health and Disease: Philosophical, Medical and Legal Perspectives, Humboldt University, Berlin, March 23-25 (“[Disease, and Other Clinical Natural Kinds](#)”)

- Apr 2012 [UK Ontology Network. Connecting the UK Ontology Community](#), University of Manchester, April 12 (“Looming Ontology Chaos”)
- Jun 2012 [Conference on Immunology Ontologies and Their Applications in Processing Clinical Data](#), National Center for Biomedical Ontology, Buffalo, NY. June 11-13 (“[Bio-Ontologies for Immunology Research: An Introduction](#)”)
- Jul 2012 [Towards an Ontology of Mental Functioning, ICBO Workshop](#), Medical University of Graz, Austria, July 22 (“[Mental Functioning and the Ontology of Language](#)”)
[How to Deal with Sectarianism in Biomedical Ontologies](#), 3rd International Conference on Biomedical Ontology (ICBO), Medical University of Graz, Austria, July 23 (“What causes sectarianism in ontology development and how to alleviate it?”)
- Aug 2012 [Basic Formal Ontology 2.0 Preliminary Development Workshop](#), Center of Excellence in Bioinformatics and Life Sciences, National Center for Ontological Research. August 18-19 (“Main Features of BFO 2.0”)
- Sep 2012 [Genomic Standards Consortium 14th Annual Conference](#), Biocode Commons Hackathon, Oxford, September 18-20 (“Sample Ontology for Biodiversity Genomics”, “Critical Review of ENVO 2.0”)
- Oct 2012 [Semantic Technology for Intelligence, Defense and Security](#) (STIDS), George Mason University, Fairfax, VA, October 23-25 (“Horizontal Integration of Warfighter Intelligence Data”)
- Nov 2012 [Austrian Thought at the Turn of the 20th Century](#), University of Texas, Arlington, TX, November 1-3 (“Ontology and the Austrian Tradition”)
- Dec 2012 [Visual Learning: Communication – Cognition – Curriculum](#), International Conference, Budapest University of Technology and Economics, December 7-8 (“[Diagrams and Time](#)” [Slides](#))
 Briefing to Chief of Naval Operations Strategic Studies Group (SSG), Naval War College, Newport, RI, December 18 (“Towards Joint Doctrine for Military Informatics”)
- Feb 2013 [Building Ontologies to Meet Evaluation Criteria](#), Ontology Summit 2013, Session-04, February 7 (“Ontological Realism as a Strategy for Integrating Ontologies”)
[Clinical and Translational Science Ontology Workshop](#), Orlando, FL, February 11-12 (“[Limning the CTSA Ontology Landscape](#)”)
[Phenotype Ontology Research Coordination Network Summit](#), National Evolutionary Synthesis Center, Duke University, Durham, NC, February 24 (“On the Future of the Neuro Behavior Ontology and Its Relation to the Mental Functioning Ontology”)
- Apr 2013 [Ontologies for Information Integration](#), National Center for Ontological Research, Buffalo, NY, April 18 (“The Role of Ontology in the Era of Big (Military) Data”)
- May 2013 [Basic Formal Ontology 2.0 Development Workshop](#), National Center for Ontological Research, University at Buffalo, May 13 (“The BFO 2.0 Specification”)
[PRO-PO-GO: Challenges of Ontology Coordination Across Organisms](#), Plant Ontology Consortium, Protein Ontology Consortium and National Center for Biomedical Ontology, Buffalo, NY, May 15-16 (“[Critique of the Phenotype Ontology and of the Trait Ontology](#)” and “[Species-Neutral vs. Multi-Species Ontology](#)”)
[Information Systems and the Four-Category Ontology](#), University of Durham, May 21 (“[The Six Category Ontology: BFO and Its Applications](#)”)
 Talk About What You See: Objects, Colors, Sounds and Trajectories. Conference in Memory of Paolo Bozzi, University of Trento, Italy, May 30-31 (“Figure and Ground in Time”, “Applications of Bozzi’s Naïve Physics”)
- Jun 2013 Bioinformatics and Computational Biology in the Era of Big Data, University at Buffalo, June 6 (“Biomedical Ontology in Buffalo”)
- Jul 2013 [International Workshop on Definitions in Ontologies](#), co-located with the [International Conference on Biomedical Ontology \(ICBO\)](#), Montreal, Canada, July 7 (Keynote lecture: “An Introduction to the Logic of Definitions”)
[International Conference on Biomedical Ontology \(ICBO\)](#), Montreal, Canada, July 8-9 (“Ontological-Based Annotation of Contextualized Vital Signs” (with Albert Goldfain); “[Suggested Principles for an Ontologist’s Code of Ethics](#)” (Panel Contribution); “Representing Disease Courses: An Application of the Neurological Disease Ontology to Multiple Sclerosis”)

- Typology" (Poster presentation))
- Aug 2013 [Bioethics and the Philosophy of Medicine](#), PANTC Conference, University at Buffalo, August 2-3 ("Diseases, Diagnoses, Signs and Symptoms")
- Sep 2013 ImmPort Site Visit, NIAID Bioinformatics Integration Support Contract (BISC), Stanford University, September 3 ("Immune-Related Ontologies")
- [ImmPort Ontology Conference](#), NIAID Bioinformatics Integration Support Contract (BISC), Stanford University, September 4-5 ("A Debate on Strategies for Use of Ontologies in ImmPort" (with Alan Ruttenberg))
- ImmPort External Advisory Board Meeting, NIAID, Bethesda, MD, September 12 ("The Rho Strategy for Empirical Testing of Ontology Methods")
- Rostock Symposium on [Systems Biology and Bioinformatics in Aging Research](#), Institute for Biostatistics and Informatics in Medicine and Ageing Research, Rostock, Germany, September 20-21 (Keynote address: "[Ontology of Aging and Death](#)", Video)
- CUBRC – CMIF – NCOR Collaboration Meeting, CUBRC, Buffalo, 23 September ("Ontology Research and Opportunities")
- Oct 2013 NCBO SAB Meeting, Stanford, CA, October 1-2 ("NCOR Dissemination")
- [Training and Strategy for ImmPort Data Submitters](#), Rho Federal Systems Division, Chapel Hill, NC, October 9-10 ("A Practical Introduction to ImmPort and to NIH Mandates for Data Sharing and Reuse", "Introduction to Allergy Ontology")
- [Philosophy of Emerging Media](#), College of Communication, Boston University, October 25-27 ("[Towards Emerging Media Science](#)" and "Media and Agency")
- Nov 2013 [Globalization and Documentality](#), Käte Hamburger Kolleg / Center for Advanced Study, University of Bonn, November 19 (on-line presentation: [Documents and Massive Social Agency](#))
- [8th International Conference on Semantic Technologies for Intelligence, Defense, and Security \(STIDS 2013\)](#), George Mason University, Fairfax, VA, November 12-15 ("[IAO-Intel: An Ontology of Information Artifacts in the Intelligence Domain](#)")
- Jan 2014 [Big Data and Semantic Web Meet Applied Ontology, Ontology Summit 2014 Launch Event](#), January 14 ("Introduction on behalf of the National Center for Ontological Research"; on-line presentation)
- Feb 2014 [Humanomics Research Centre Opening Seminar, University of Copenhagen](#), February 7, ("[The Philosophome: An Exercise in the Ontology of the Humanities](#)")
- Apr 2014 [Ontologie und Zeit](#), Saarland University, Saarbrücken, Germany, April 26 ("Eine Korrespondenztheorie von Graphen")
- [Philosophy of Medicine Seminar Series](#), King's College, London, April 29 ("The Ontology of Disease") [Video](#)
- May 2014 [Consequences of Realism](#), Rome, May 4-6 ("[The Fifth Cycle of Philosophy](#)")
- HIMA Imaging Science Workshop, Pathology Informatics 2014, Pittsburgh May 13 ("[A Guide to Ontology for the Pathologist of the Future](#)")
- Jun 2014 [The Ends of Life – Deepening Reflections on Bioethical Issues at the Beginning and End of Life](#), Edmond J. Safra Center for Ethics, Tel Aviv University, Israel, June 8-10 ("[The Ontology of Aging and Death](#)")
- [Protein Ontology Workshop](#), Georgetown University, DC, June 19 ("[Introduction to the Relation Ontology](#)")
- [Ontology and Imaging Informatics](#), University at Buffalo, NY, June 23-25 ("Introduction to Ontology for Pathology Imaging")
- Aug 2014 [Bioethics and the Philosophy of Medicine](#), 2014 PANTC Conference, University at Buffalo, August 1-2 ("[Ontology of Aging](#)")
- Clinical and Translational Science Ontology Group, August 12, Online Presentation on Imaging Ontologies
- [American Society of Mechanical Engineers \(ASME\) International Design Engineering Technical Conference and Computers and Information in Engineering \(IDETC/CIE\)](#), Buffalo, August 17-

- 20 (Keynote Lecture, "[Ontological Engineering](#)")
- Sep 2014 [Inaugural Conference of the World Interdisciplinary Network for Institutional Research \(WINIR\)](#), Old Royal Naval College, Greenwich, London, September 12 (Keynote address: "[From Speech Acts to Document Acts: An Ontology of Institutions](#)").
BISC Site Visit / External Advisory Board Meeting, Rockville, MD, September 18 ("The Role of Ontology in the ImmPort Project", on-line presentation)
[Formal Ontology in Information Systems \(FOIS\)](#), Rio de Janeiro, September 21-25 ("[The Fifth Cycle of Philosophy: Eulogy for Nicola Guarino](#)"; "[Applying the Realism-Based Ontology-Versioning Method for Tracking Changes in the Basic Formal Ontology](#)", with Selja Seppälä)
- Oct 2014 [International Conference on Biomedical Ontology \(ICBO\), Houston, TX](#), October 8-11 (MedDRA technical workshop and panel: "Creating a MedDRA ontology"; NASA Panel, "The Ontology for General Medical Science"; Presentation: "[Data Wrangling Clinical Research Datasets using Ontology and Referent Tracking](#)", with Werner Ceusters; Lightning talk: "[Ontological Representation of CDC Active Bacterial Core Surveillance Case Reports](#)")
[Truth, Image, Normativity](#), University of Cagliari, Sardinia, October 21-26 ("[The Division of Deontic Labor](#)")
- Nov 2014 [Semantic Technology for Intelligence, Defense and Security \(STIDS 2014\)](#), George Mason University, Fairfax, VA, November 18-20 ("A Computational Framework for Living Plan Specification, Execution and Evaluation" (with Erik Thomsen); "[An Ontological Approach to Territorial Disputes](#)" (with Neil Otte and Brian Donohue); Panel: Semantics for Collaboration ("[Collaboration Through Military Doctrine](#)")
Leveraging Standards and Ontologies to Improve HIPC Data Submission and Analysis, National Institute of Allergy and Infectious Diseases (NIAID), Rockville, MD, November 19 ("[Leveraging Ontologies for Human Immunology Research](#)")
- Dec 2014 NCBO SAB Meeting, Stanford, CA, December 3 ("NCOR Dissemination"; Panel: "Lessons from the Past 10 Years")
- Feb 2015 United Nations Environment Program, New York, Feb 27-Mar 1, Senior Expert Meeting on Ontology of Indicators for Sustainable Development ("Environment Ontology and Ecosystems: Basic Examples")
- Mar 2015 Internet of Things: Toward Smart Networked Systems and Societies. Ontology Summit 2015. [Beyond Semantic Sensor Network Ontologies](#), March 5 ("[Ontology of Sensors: Some Examples from Biology](#)")
- Apr 2015 American Philosophical Association, Pacific Division Meeting, Vancouver, BC, Canada, April 2 ("[Towards an Ontology of Philosophy](#)")
[Philosophy as Science: A Key Idea of the 19th Century](#), Utrecht, Netherlands, April 9 (Keynote address: "[Metaphysics after Darwin](#)")
Advanced Defense Studies Institute, Italian Ministry of Defense, Rome, April 24 ("New Foundations for Military Ethics")
- May 2015 HIMA Imaging Science Workshop, Pathology Informatics 2015, Pittsburgh, May 5 ("[An Introduction to Biomedical Ontology for Imaging Informatics](#)")
Briefing on "Ontology for Military Doctrine", Department of Defense Training and Doctrine Command (TRADOC), May 11, Pentagon, Washington, DC
[The Role of Ontology in Big Cancer Data](#), National Cancer Institute, Bethesda, MD, May 12-13 ("[The Cancer Ontology Landscape](#)")
United Nations Environment Programme, New York, May 16-18, Senior Expert Meeting on Ontology of Indicators for Sustainable Development ("The SDG Ontology Framework")
[Medical Informatics Europe, Madrid, Spain](#), May 27-31 (Lecture: "Biomarkers in the Ontology for General Medical Science"; Panel: "[Basic Formal Ontology Meets Critics](#)")
- Jun 2015 Joint CUBRC / Air Force Research Laboratory, Wright Patterson Air Force Base IT Summit, June 25 ("BFO and the Joint Doctrine Formalization Initiative")
- Jul 2015 Workshop on the Ontology of Chemistry, Department of Chemistry, University of Southampton, United Kingdom, July 20 ("Introduction to BFO and OBI"; "Building a Chemical Image Ontology")
[Taking Pregnancy Seriously in Metaphysics: The Foetus and The Maternal Organism](#),

- University of Southampton, United Kingdom, July 21 ([“Embryontology”](#), [Video](#))
- International Conference on Biomedical Ontology (ICBO), Lisbon, Portugal, July 27-31 ([“Aboutness: Towards Foundations for the Information Artifact Ontology”](#) with Werner Ceusters)
- Aug 2015 [Bioethics and Philosophy of Medicine](#), 2015 PANTC Conference, July 30-August 1 ([“The Emotion Ontology”](#), [Video](#))
- INCITS/DM32.8 Meeting, August 24 ([“On the Need for a Common Standard Upper Ontology”](#))
- Air Force Research Laboratory – Navy Distributed Operations Summit, August 26 ([“Joint Ontology”](#))
- [Federal Big Data Working Group](#) (on-line presentation), August 31 ([“Building Ontologies with Basic Formal Ontology”](#))
- Sep 2015 Briefing to Joint Doctrine Staff, Pentagon, September 4 (“Joint Doctrine Ontology”)
- [Information Meeting on Joint Doctrine Ontology](#), Multi-Agency Collaborative Environment (MACE) Center, Herndon, VA, September 16-17 (“Addressing DoD information and coordination needs”)
- BISC Site Visit / External Advisory Board Meeting, University of California at San Francisco, CA, September 18 (“ImmPort Ontology Update”)
- [Ontology in Practice: Fourth Clinical and Translational Science Ontology Workshop](#), Charleston, SC, September 23-25 ([“FHIR and Ontology”](#))
- Oct 2015 [HelsIT: Health Information Technology](#), Trondheim, Norway, October 20 (Keynote lecture: [“The Glory and Misery of Electronic Health Records”](#))
- Nov 2015 [Symposium on Military Codes of Ethics](#), University at Buffalo, November 2 ([“Building an Ethical Warfighter”](#), [Video](#))
- [Planteome Curation Workshop: Ontology Curation and Data Annotation](#), Oregon State University, Corvallis, November 9-10 (“What do plant scientists need ontologies for?” and “Trait Ontology: Introductory discussion”)
- International Standards Organization (ISO) Committee on MetaData Standards, National Cancer Institute, Bethesda, MD, November 18 (“Common Ontology Standards”)
- [Semantic Technology for Intelligence, Defense and Security](#) (STIDS 2015), George Mason University, Fairfax, VA, November 18-20 (“Joint Doctrine Ontology: A Benchmark for Military Information Systems Interoperability”)
- 56th Joint Doctrine Planning Conference, Joint Warfighting Center, Suffolk, VA, November 5 (“Joint Doctrine Ontology: Interim Report”)
- Dec 2015 Digital Thread / Digital Twin Applications for Next Generation and Legacy Aerospace Systems and Engines, Kick-Off Meeting, Wright Brothers Institute, Dayton, OH, December 4 (“Ontology Development for Air Force Logistics”)
- [Federal Big Data Working Group](#) (on-line presentation), December 7 ([“Joint Doctrine Ontology”](#))
- Jan 2016 [KAUST Research Conference on Computational and Experimental Interfaces of Big Data and Biotechnology](#), King Abdullah University of Science and Technology, Thuwal, Saudi Arabia, Jan 25-27 ([“The Glory and Misery of Electronic Health Records”](#))
- Feb 2016 [Workshop on BFO and the Ontology of Deontic Entities](#), University of Florida School of Medicine, Gainesville, FL, February 17-19 ([“Developing a Framework of Ontologies for Social Entities”](#))
- Apr 2016 [Completing the Model Based Development](#), Digital Manufacturing and Design Innovation Institute (DMDII) Technical Interchange Meeting, National Institute of Standards and Technology (NIST), Gaithersburg, April 11 ([“Coordinated Holistic Alignment of Manufacturing Processes \(CHAMP\)”](#))
- May 2016 [Ontological Approaches to Sensor Data Analysis](#), National Center for Geographic Information and Analysis, Buffalo, NY, May 19-20 (“The Ontology of Sensors: A Critical Overview”)
- Jun 2016 57th Joint Doctrine Planning Conference, Joint Warfighting Center, Suffolk, VA, June 1-2 (“Joint Doctrine Ontology: Progress Report”)
- International Standards Organization (ISO/IEC JTC 1/SC 32/WG 2), Memphis, TN, June 14-15 (“Basic Formal Ontology: New Work Item Proposal”)

- Jul 2016 [Perspectives on Deontology from Early Phenomenology and Contemporary Philosophy. Workshop with Barry Smith](#), University of Geneva, July 6, 2016 (“[Deontology Ontology: Towards an Ontology of Deontic Entities](#)”) [Video](#)
[9th International Conference on Formal Ontology in Information Systems](#) (FOIS 2016), Annecy, France, July 6-9 (“The Functions of Definitions in Ontologies”, with Selja Seppälä and Alan Ruttenberg; “[Permanent Generic Relatedness and Silent Change](#)”, with Niels Grewe and Ludger Jansen [winner of FOIS/IAOA Ontology Competition])
[Bioethics and the Philosophy of Medicine](#), PANTC Conference, University at Buffalo, July 30 (“[The Metaphysics of the Embryo](#)”)
- Aug 2016 [International Conference on Biological Ontology](#), Corvallis, OR, August 1-4 (“[The Ontology of the Organigram](#)”, “[The United Nations Environment Program Sustainable Development Goals Ontology](#)”, Panel: The Future of Ontology)
Addressing the Big Data Challenges of Pathology Imaging through Biomedical Ontology, National Cancer Institute, August 15 (“Ontology and Quantitative Histopathology”, with Alan Ruttenberg)
- Sep 2016 [Clinical Terminology Shock and Awe](#), University at Buffalo, September 7-8 (“Clinical Terminology: Shock and Awe”)
[Turbine Engine Technology Symposium](#) (TETS), Wright-Patterson AFB, Dayton, OH, September 12 (“Propulsion Digital Thread/Digital Twin Spiral 0.1: Use of Ontology in Digital Thread”)
- Oct 2016 Intelligence Support to Command and Control Working Group (ISC2WG), Pentagon (JS, J6 and J2), October 12 (“Joint Doctrine Ontology”)
Top-Level Ontologies, UB Ontology Group, October 21 (“Proposed ISO Top Level Ontology Standard”)
[Big Data – Herausforderung für Wissenschaft und Gesellschaft](#), ZiF Zentrum for interdisziplinäre Forschung, Universität Bielefeld, October 25 (“[Die Datenwelt von Morgen](#)”) [\(Video\)](#)
[Normative Drawings and Deontic Artifacts](#), University of Cagliari, Sardinia, October 27-28, 2016 (“[The Ontology of the Organigram](#)”) [\(Video\)](#)
- Nov 2016 International Standards Organization (ISO) Committee on Metadata Standards, Oxford, UK, November 10 (“Proposed Top Level Ontology Standard Parts 1 and 2”)
- Dec 2016 [First Industrial Ontology Foundry Workshop](#), Systems Integration Division, National Institute of Standards and Technology (NIST), Gaithersburg, MD, December 8 (“[How to Build the Industry Ontology Foundry](#)”, “[Draft of a Product Lifecycle Management Ontology](#)” (with Dimitris Kiritsis)
- Feb 2017 [The Metaphysics of Quantities](#), Istituto di Studi Filosofici, Facoltà di Teologia di Lugano, February 2-3 (“[Quantities as Fiat Universals](#)”) [\(Video\)](#)
[FOUST Workshop on Foundational Ontologies](#), Bolzano, Italy, February 27-28 (“[Basic Formal Ontology: An Overview](#)”, [Video](#))
- Apr 2017 [Second Industry Ontology Foundry Workshop](#), National Institute of Standards and Technology (NIST), Gaithersburg, MD, April 10-11 (Panel presentation: “[Comparing Upper Level Ontologies](#)”)
- May 2017 [Ontology Summit 2017 Symposium](#), National Institute of Standards and Technology (NIST), Gaithersburg, MD, May 15-16 (Keynote address: “[The Industry Ontology Foundry](#)”)
- Jun 2017 [Franz Brentano Centenary 1838–1917](#), University of Vienna, June 1 (“[Four Phases of Philosophy and Its Present State](#)”)
International Standards Organization (ISO) Committee (JTC1/SC32/WG2) on Metadata Standards, Okayama, Japan, June 20 (“Draft Top-Level Ontology Standard, Parts 1 and 2”)
- Jul 2017 [Romanell Conference 2017: Personal Identity and Our Origins](#), University at Buffalo, July 28-29 (“Personae”)
- Aug 2017 [A Strategy for Promoting Data Interoperability Across the Enterprise](#), workshop organized as part of the ASME 2017 International Design Engineering Technical Conferences (IDETC) and Computers & Information in Engineering Conference (IDETC/CIE). Cleveland, OH, August 6 (“[Introduction to BFO and the Industry Ontologies Foundry](#)”, [Video](#))

- Aug 2017 [IAOA Summer Institute on Upper Ontologies](#), University of Toronto, August 8-11 (“[Why do we need upper-level ontologies?](#)”, “[Relationships between upper-level ontologies](#)”, [Slides](#))
- Sep 2017 [Second Workshop on Representing Social and Legal Entities in the Biomedical Domain](#), International Conference on Biomedical Ontology (ICBO), Newcastle, UK, September 13 (Keynote lecture on “[Functions, Dispositions and Capabilities](#)”, [Video](#), online)
[Nankai University Workshop on the Philosophy of Economics and the Social Sciences](#), Tianjin, P.R. China, September 25-26 (“[Goods vs. Services: An Ontological Exploration](#)”, [Video](#))
[Journées sur l’Interopérabilité des Applications d’entreprise \(JIAE\)](#), conference of the Virtual Interoperability Lab, September 28-29 (“[The Vision of the Industry Ontologies Foundry](#)”, online)
- Oct 2017 [3rd Big Data Interagency Working Group \(BDIWG\) Workshop on an Open Knowledge Networks: Enabling the Community to Build the Network](#), National Institutes of Health, Bethesda, MD, October 4-5 (“[Manufacturing 1](#)”, “[Manufacturing 2](#)”)
ASM International, Materials Properties Database Committee, Pennsylvania, PA, October 8 (“[Introduction to the Industry Ontologies Foundry](#)”, on-line presentation)
[Protein Ontology Consortium Workshop 2017](#), Bar Harbor, MN, October 11-12 (“How To Define ‘Causally Upstream Of’”)
[Microbiology for the CTSA: Ontological Approaches](#): Sixth Clinical and Translational Science Ontology Workshop, University of Michigan, Ann Arbor, October 24-25 (“Building a Microbiome Ontology”)
- Nov 2017 [European Materials Modelling Council \(EMMC\) Workshop on Interoperability in Materials Modelling](#), St John’s Innovation Centre, Cambridge, UK, 7-8 November (“[Introduction to the Industry Ontologies Foundry](#)”, online)
International Standards Organization (ISO) Committee on MetaData Standards, University of Colorado, Anschutz, OR, November 28 (“ISO NWIP: Top-Level Ontologies”)
- Apr 2018 Boston Phenomenological Circle Symposium, Boston College and Boston University, April 13-14 (“[The Ontology of Emotions](#)”, [Video](#))
[Capabilities: Human and Machine](#), Workshop, University at Buffalo School of Engineering and Applied Sciences, April 20 (“[What are Capabilities?](#)”, [Video](#))
Medical Informatics Europe (MIE 2018), April 23-26 Gothenburg (“Bruxism”, with Werner Ceusters)
[Metaphysics and Formal Ontology](#), Dynamis: Finnish Network of Metaphysics, Tampere, April 27 (Keynote Lecture, “[Driverless Philosophy](#)” [Video](#))
- May 2018 Ontology Summit 2018, NIST, Washington DC, May 1 (“The Great Debate: John Sowa vs. Barry Smith”, [Video of BS contribution](#), [Audio of Entire Debate](#), [Audio of closing exchanges](#), [Slides](#))
- Jun 2018 [Society for Automotive Engineers Automated and Connected Vehicle Systems Testing Symposium](#), June 20–21, 2018 Hosted by Clemson University – International Center for Automotive Research (CU-ICAR) Carroll A. Campbell Jr. Graduate Engineering Center, 5 Research Dr, Greenville, SC 29607 (Keynote Lecture: “[Ontology: Tool for Broad Spectrum Knowledge Integration](#)” [Video](#))
- Jul 2018 Industrial Ontologies Foundry Workshop, Buffalo, July 18-19 (“The Industrial Ontologies Foundry: Introduction”, “Diversity of ontologies inside and outside the IOF”)
Navy Model-Based Systems Engineering Transformation Technical Interchange Meeting, San Diego, July 25-26 (“[Ontology for Systems Engineering](#)”)
[Romanelli Philosophy of Medicine and Bioethics Conference 2018](#), University at Buffalo, July 28-29 (“Capabilities”)
- Aug 2018 [256th American Chemical Society National Meeting](#), Boston, MA (Invited lecture: “Big Chemistry Data”)
- Sep 2018 [Navy SYSCOM and DoD Ontology Workshop](#), Engility, Washington DC, September 18-19 (“[Ontology and the Navy SYSCOMs Systems Engineering Transformation Process](#)”)
- Oct 2018 DOCAM Conference: Annual Meeting of the Document Academy, Turin, October 4-6 (Keynote Lecture: “[Documentome](#)”)
- Nov 2018 The Philosophy of Achille Varzi on the Occasion of His Un-Birthday, November 5, Department of Philosophy, University of Milan (“Some Neglected Parts”, online)

- International Standards Organization (ISO) Committee (JTC1/SC32/WG2) on Metadata Standards, Sendai, Japan, November 9 (“ISO/IEC 21838”)
- Feb 2019 [International Industrial Ontologies](#), Det Norske Veritas, Oslo, Norway, February 4-7, 2019 (“[Industrial Ontologies Foundry: An open, shared reference ontology framework](#)” [Video](#))
[Ontology for Precision Medicine: From Genomes to Public Health](#), Orlando, FL February 20-21 (“The Mental Functioning Ontology”)
- May 2019 [The Ontology of Economics: Capital, Exchanges and Preferences](#), Institute of Philosophy, University of Neuchâtel. May 8 (“[The Ontology of Human Capital](#)”)
- Jul 2019 [Romanell Summer Conference on Death, Disease, and Identity](#), University at Buffalo, NY July 25-27 (“[Minds made of Software vs. Minds made of Flesh](#)”)
[International Conference on Biomedical Ontology](#) (ICBO), University at Buffalo, Buffalo NY, July 30 (“[Foundations for a Realist Ontology of Cognitive Processes](#)”, with D. Kasmier and D.Limbaugh; “[Warranted Diagnosis](#)”, with D. Limbaugh, D. Kasmier, and W. Ceusters; “[Mental Capabilities](#)”, with E. Merrell, D. Limbaugh and A. Anderson)
[International Conference on Biomedical Ontology](#) (ICBO), University at Buffalo, Buffalo NY, August 1 (Keynote: “[Identity and Immortality](#)” ([Video](#)); “[Ontology as Product-Service System: A Study of GO, BFO and DOLCE](#)” ([Video](#)); Panel on Opportunities for collaboration between the OBO Foundry community and SNOMED)
- Aug 2019 [25th International Conference on Production Research — Manufacturing Innovation: Cyber Physical Manufacturing](#), Chicago, August 13 (Keynote: “[What is a Cyber-Physical System?](#)”)
- Sep 2019 [Joint Ontologies Workshop \(JOWO\) 2019](#), Graz, Austria, September 23-25 (“[A First-Order Logic Formalization of the Industrial Ontology Foundry Signature Using Basic Formal Ontology](#)”, “[Toward an Ontology of Commercial Exchange](#)”)
- Oct 2019 [Protein Ontology Consortium Workshop](#), Georgetown University Medical Center, October 23-24 (“[Basic Formal Ontology and the Ontology for General Medical Science](#)”)
- Nov 2019 [Rudolf Haller und die Österreichische Philosophie](#), University of Graz, 8-9 November (“[Wittgenstein und der Turing Test](#)”, [Video](#))
Ontology Technical Exchange, Johns Hopkins University Applied Physics Lab, November 14, 2019 (“[How to Build an IC / DoD Foundry](#)”)
- Dec 2019 [Industrial Ontologies Foundry Meeting](#), National Institute of Standards and Technology (NIST), December 4-5 (“Ontology Workflow Management”)
- Feb 2020 [Fixing Science: Practical Solutions for the Irreproducibility Crisis](#), The Independent Institute, Oakland, CA, February 7-8 (“[The Reproducibility Crisis and the Lehman Crash](#)”, [Video](#))
- Mar 2020 [Ground System Architectures Workshop \(GSAW\)](#), Los Angeles, CA, March 1-4, (“[Developing Ontologies and Their Role in Engineering Information Fusion Systems](#)” (with David Limbaugh and Ron Rudnicki))
[Industrial Ontologies Foundry Meeting](#), University at Buffalo, March 5 (“The New ISO Ontology Standard: ISO/IEC 21838”)
- Aug 2020 [IEEE Conference on Cognitive and Computational Aspects of Situation Management](#) (CogSIMA), Virtual Conference hosted by the University of Victoria, British Columbia, August 22-28 (Keynote (online): “[Command and Control](#)”, [Video](#)),
CogSIMA Workshop on Interoperability for Situation Management and Decision-Making, August 28 (“Facts and Truthmakers”)
- Oct 2020 [United Nations General Assembly – ISC Science @ UNGA 75: How to deliver during the COVID-19 pandemic](#) [SDG \(Sustainable Development Goals\) 16.9: Legal Digital Identity \(DID\) to all by 2030](#), October 1 (“Digital Identity in Medical Records”)
Roman Ingarden and the Lvov-Warsaw School, The Lvov-Warsaw School Research Center (Faculty of Philosophy, University of Warsaw), October 22-24 (“[Relatively Isolated Systems](#)”, [Video](#) (online))
- Nov 2020 [Industrial Ontologies Foundry Panel, I-ESA 2020 Interoperability in the Era of Artificial Intelligence](#), Tarbes, France, November 18 (“Basic Formal Ontology” (online))
[Ontobras: 13th Seminar on Ontology Research in Brazil](#), Federal University of Espírito Santo, in Vitória, ES, November 24 (Keynote talk, “[ISO/IEC 21838 as the Basis for a Sustainable](#)”)

- [Ontology Development Strategy](#)” (online), [Video](#))
- Mar 2021 OntoCommons Top-Level and Mid-Level Ontologies Multi-Disciplinary Workshop, March 30 (“[BFO and ISO/IEC 21838](#)” (online))
[Classifying Philosophy: Problems and Strategies](#), University at Buffalo, March 31 (“Introduction and Welcome” (online))
- May 2021 [The Sherry Turkle Miracle](#), Hungarian Academy of Sciences, Budapest, May 25 (“[Neural Chitchat](#)” (online), [Video](#))
[Interdisciplinary Symposium on Cognitive Ontologies \(ISCO\)](#), Centre for Cognitive Neuroscience, University of Salzburg, May 26 (“[From BFO to MFO: A Modular Approach to Cognitive Ontologies](#)” (online))
- Sep 2021 [8th International Conference on Spatial Cognition](#), Rome, September 13-17 (Keynote address: “[Making Space: The Natural, Cultural, Cognitive and Social Niches of Human Activity](#)”, [Video](#) (online))
International Association for Ontology and Its Applications (IAOA) [Educational Series on Applied Ontology](#) (ESAO), Bolzano, Italy, September 10 (“[On Realizables: Roles, Dispositions, Capabilities, and Functions](#)”, [Video](#) (online))
- Oct 2021 [Artificial vs. Natural Intelligence](#). New Perspectives from Metaphysics, Ethics and Robotics University of Turin, October 29, 2021 (“[Digital Immortality](#)”)
- Nov 2021 OntoCommons. Enabling Intra-Ontology Interoperability through Shared Terminology, November 2 (“[ISO/IEC 21838](#)” (online))
- Mar 2022 [Eighth Clinical and Translational Science Ontology Workshop: AI and Complex Systems in Biomedicine](#), Orlando, Florida, March 16-18 (“[Capabilities](#)”, [Video](#))
- Apr 2022 [5th Annual Bovay Workshop on Engineering and Applied Ethics](#), Texas A&M University, College Station, TX, April 26 (“[The Machine Will](#)”, [Video](#))
- May 2022 [What is our Future in Space. McGill’s Space Research Conference](#), McGill University, Montreal, Canada, May 3-4 (“[For a Useful Space \(Medicine\) Ontology](#)”, [Video](#))
2nd Conference on the Ontology of Economics, Institute of Philosophy, University of Neuchâtel. May 20 (“[Producing Capabilities](#)”)
- May 2022 [Industrial Ontologies for Smart Manufacturing](#), Purdue University Smart Manufacturing Institute, May 24 (“[What is an Industrial Ontology?](#)”, [Video: from 39:40](#))
- Jun 2022 Department of Defense and Intelligence Community Working Group (DIOWG), June 24 (“[Ontology Foundries](#)”, [Video](#))
- Jul 2022 US Customs and Border Protection Systems Engineering Community of Practice, July 26 (“[Systems Engineering Ontology](#)”)
- Aug 2022 Laws of Form Conference, Liverpool, United Kingdom, August 4-6 (“[LoF and BFO](#)”)
Ontology of Social Services (OSS), Joint Ontologies Workshops (JOWO), Jönköping, Sweden, August 16 (“[The Ontology of \(Social\) Services](#)”, [Extended Abstract](#), [Video](#))
ASM International Material Properties Data Committee, International Materials, Applications and Technology Conference, New Orleans, September 12 (“IOF and BFO”)
- Sep 2022 12th International Workshop on Formal Ontologies meet Industry (FOMI22), Tarbes, France September 13-14 (“[Industrial Ontologies Foundry](#)”, “[Digital Twins and the Problem of Model-Induced Escape](#) ([Video](#))”, “[The Ontology of \(Supply Chain\) Services](#) ([Video](#))”)
[IEEE Quantum Week](#), Broomfield, CO, September 22 (Panel on Acceleration of Quantum Sciences and Engineering via Metascience, (“Introduction to the Quantum Metascience Initiative (QMI)”, [Video](#))
[International Conference on Biomedical Ontology \(ICBO\)](#), University of Michigan, Ann Arbor, Workshop on [Financial & Legal Dimensions of Healthcare](#), September 26 (“[Towards an Ontology of Social Services](#)”, [Video](#))
[International Conference on Biomedical Ontology \(ICBO\)](#), University of Michigan, Ann Arbor, September 27 (“[Response to Jobst Landgrebe](#)”)
- Oct 2022 [Ontology Day](#) (Meeting of University at Buffalo and University of Toronto Ontologists), Department of Philosophy, University at Buffalo, October 24 (“[Buffalo Approach to Ontology](#)”,

		“Ontology of Services”)
Nov	2022	Association of Brazilian Software Enterprises, Annual Meeting, São Paulo, Brazil (November 7), (Keynote Speech on Artificial Intelligence and the New World Order) Facing the Future, Facing the Screen . 10th Budapest Visual Learning Conference, Hungarian Academy of Sciences, Budapest, November 17 (“ Model-Induced Escape ”, Video)
Dec	2022	W3C Human Services Ontology Group Meeting, December 16 (online presentation, “ The Ontology of Services ”)
Jan	2023	SPIE 2023 Photonics West, International Society for Optics and Photonics San Francisco, January 30 (“Acceleration of quantum sensing and engineering via metascience”)
Feb	2023	Ontologies, AI and Electronic Health Records. 10th Clinical and Translational Science Ontology Workshop, Medical University of South Carolina, Charleston, February 23-24 (“ My life with ChatGPT ”)
Mar	2023	Workshop: Why Machines Will Never Rule the World , Università della Svizzera italiana, Lugano, Switzerland March 1-2 (“The argument of the book”, Smith Slides , Landgrebe Slides , Video) Innovation Platform, McGill University Faculty of Medicine, Montreal, March 23 (“ The Application of AI to Clinical Research, Teaching, and Care with a Special Focus on ChatGPT ”)
May	2023	Ontology of Economics III: Doing, Owing, Owning, Knowing, Neuchatel, Switzerland, May 12 (“ Realms of the A Priori: Law, Economics, and Mathematics ”, Video , Supplementary Video on Reinach and ChatGPT) Basic Formal Ontology Summit Meeting, University of Buffalo, March 23-25 (“Capabilities”, “ Common Sense, BFO and Physics ”)
June	2023	Second Global Workshop – OntoCommons addressing the challenges of the Industry 5.0 transition , University of Oslo, June 13-15 (“ Manufacturing and Ontologies: (Air Force) Roots of the IOF ”, “ BFO as ISO Standard ”, “ Industrial Ontologies Foundry – Some Foundational Issues ”, “ The Ontology of Organizations ”) Enhanced Object-Based Production Conference , Washington DC, June 22-23 (“Basic Formal Ontology”, “Stasis”, “Warrant”) Open Source Biopharmaceutical Manufacturing Ontology, 2023 National Meeting of the National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL) , Washington DC, June 28, 2023 (“ Industrial Ontologies Foundry ”, Video)
July	2023	EINS Interdisciplinary Summer School in Digital Health and Interdisciplinary School on Applied Ontology (IAOS), Université de Sherbrooke, Quebec, Canada, July 11, (Basic Formal Ontology 2023 , Video).
Aug	2023	International Conference on Biomedical Ontology (ICBO), Brasilia, August 28-September 1 (Beyond the Goods-Services Continuum , Video and Keynote: AI in Medical Research)
Sep	2023	2023 CBP Data Integration, Governance, and Applied Ontology Summit, Ashburn, VA, September 12 (“Introduction to BFO”)

WORKSHOPS AND CONFERENCES ORGANIZED

Mar	1977	Senses, Propositions, and States of Affairs , Department of Philosophy, University of Sheffield, March 4-5
Jun	1977	Hegel and Husserl Workshop , Department of Philosophy, University of Warwick, June 2-3
Dec	1977	Ontology and the Philosophy of Number , Seminar for Austro-German Philosophy and Department of Philosophy, University of Sheffield, England, December 2-3
Jan	1978	Wittgenstein and the Background of Austro-German Philosophy , Seminar for Austro-German Philosophy and Department of Philosophy, University of Sheffield, England, January 21-22
Feb	1978	Colloquium , Seminar for Austro-German Philosophy and Department of Philosophy, University of Sheffield, England, February 10-12
Mar	1978	The Philosophy, Literature and Arts of Austria-Hungary , Seminar for Austro-German Philosophy in Conjunction with the Institute of Contemporary Arts, London, March 11
Apr	1978	Diverse Approaches to the Theory of Language, Seminar for Austro-German Philosophy and Department of Philosophy , University of Sheffield, England, April 7-8

- May 1978 [Whole-Part Theory and the History of Logic](#), Seminar for Austro-German Philosophy and Department of Philosophy, University of Sheffield, England, May 12-13
- Jul 1978 [Kant and Husserl: Varieties of Idealism](#), Seminar for Austro-German Philosophy and Department of Philosophy, University of Sheffield, England, July 1-2
- Sep 1978 [Psychology, Logic and Ontology](#), Seminar for Austro-German Philosophy and Department of Philosophy, University of Sheffield, England, September 29-30
- Nov 1978 [Phenomenology and Value Theory](#), Seminar for Austro-German Philosophy and Department of Philosophy, University of Sheffield, England, November 24-25
- Jan 1979 [Origins of the Twentieth Century](#), Seminar for Austro-German Philosophy and Department of Philosophy, University of Sheffield, England, January 27-28
- May 1979 [Phenomenology and Social Rules](#), Seminar for Austro-German Philosophy and Department of Philosophy, University of Sheffield, England, May 4-5
- Jun 1979 [On Austrian Methodology](#), Seminar for Austro-German Philosophy and Department of Philosophy, University of Sheffield, England, June 1-2
- Jul 1979 [Men Without Qualities: Philosophy and Literature in Austria and Germany](#), Seminar for Austro-German Philosophy and the Institute of Contemporary Arts, London, July 7-8
- Nov 1979 [Human Action and the Social Sciences](#), Seminar for Austro-German Philosophy and Department of Philosophy, University of Sheffield, England, November 10-11
- Dec 1979 [Grammar and the Begriffsschrift: A Centenary Celebration](#), Seminar for Austro-German Philosophy, Bedford College, London, December 15-16
- Feb 1980 [Formal Logic and Formal Ontology in Husserl's Logical Investigations](#), Seminar for Austro-German Philosophy and the Higher Institute of Philosophy, University of Louvain, Belgium, February 2-3 (Peter Simons and Barry Smith, "Synthetic A Priori Structures")
- Apr 1980 [Austrian Philosophy and Austrian Politics](#), Seminar for Austro-German Philosophy, the Carl Menger Society, and the Institute of Contemporary Arts, London, April 26-27
- May 1980 [Meaning and Structure](#), Seminar for Austro-German Philosophy and Department of Philosophy, University of Manchester, May 17-18
- Nov 1980 A Seminar on the History of Logic, Seminar for Austro-German Philosophy and Department of Philosophy, University of Manchester, November 22-23
- Jan 1981 [A Symposium to Mark the Centenary of the First Edition of Kant's Critique of Pure Reason](#), Seminar for Austro-German Philosophy and the Northern Association for Philosophy, Manchester, January 31.
- Mar 1981 [Phenomenology and its Applications](#), Seminar for Austro-German Philosophy, University of Edinburgh, March 6-7
- May 1981 [Objects of Thoughts](#), Seminar for Austro-German Philosophy, Queen's College, London, 23-24 May
- Jun 1981 [Leibniz, Bolzano und die neue Ontologie](#), Seminar for Austro-German Philosophy and Institut für Philosophie, University of Salzburg, June 6-7
- Feb 1982 [Formal Ontologies](#), Seminar for Austro-German Philosophy and Department of Philosophy, University of Manchester, February 5-6
- Mar 1982 [The Austro-German/Scottish Axis](#), Seminar for Austro-German Philosophy and Department of Philosophy, University of Edinburgh, March 18-20 ("Relations of Ideas and A Priori Structures: Material Ontology from Hume to Husserl")
- Jun 1982 [Intentionalität als objektiver Bezug: Die Philosophie von Roderick M. Chisholm](#), Seminar for Austro-German Philosophy and Institut für Philosophie, University of Salzburg, June 10-11 ("Intentionality, and Related Matters")
- Aug 1982 [Ehrenfels-Konferenz](#), Seminar for Austro-German Philosophy, sponsored by the Niederösterreichische Landesregierung, Schloss Lichtenau, Lower Austria, August 31-September 3
- Jan 1983 [Acts, Actions and Accidents](#), Seminar for Austro-German Philosophy and Bochum Cognitive Science Group, University of Bochum, January 7-8 ("Intentionality and the Theory of Relations")
- Feb 1983 [Realism and the Philosophy of Science](#), Seminar for Austro-German Philosophy and Northern Association for Philosophy, Manchester Polytechnic, February 25-26 (Jeremy Shearmur and Barry Smith, "Dialogues Concerning Naturalistic Realism")

- Dec 1983 [Symposium Adolf Reinach](#), Seminar for Austro-German Philosophy and Centrale Interfaculteit, University of Utrecht, December 9
- Jun 1984 [Foundations of Cognitive Psychology: The Work of Köhler, Selz and Lewin](#), Symposium of the Werner Reimers-Stiftung and the Seminar for Austro-German Philosophy, Bad Homburg, Germany, June 18-20
- Dec 1984 [Zur Philosophie und Sprachtheorie Anton Marty](#), Seminar for Austro-German Philosophy and University of Fribourg, Switzerland, December 7-9
- May 1985 [Phenomenology and Gestalt Theory. The History and Contemporary Relevance of Formal Ontology](#), Seminar for Austro-German Philosophy and Ecole des Hautes Etudes en Sciences Sociales, Paris, May 2-6
- [Symposium: Aspects of Continuity](#), Seminar for Austro-German Philosophy, University of Manchester, May 10-11 ("What is a Boundary?")
- Aug 1985 [Kunstgefühl, Sprachgefühl, Rechtsgefühl: Zum Problem des praktischen Wissens](#), Seminar for Austro-German Philosophy and Forschungsstelle für Österreichische Philosophie, Schloss Lichtenau, Lower Austria, August 26-27
- Dec 1985 [Symposium Alexander Pfänder](#), Seminar for Austro-German Philosophy and Centrale Interfaculteit, University of Utrecht, December 13
- Nov 1986 [100 Years of Polish Philosophy: An International Conference](#), Seminar for Austro-German Philosophy, University of Manchester, November 14-15
- Mar 1989 Computer und Bildung. Praktische und theoretische Aspekte, International Academy for Philosophie, Schaan, Liechtenstein, March 31, 1989
- Mar 1992 Philosophy and Political Change in Eastern Europe, Monist Colloquium sponsored by the Bradley and Soros Foundations in the Hungarian Academy of Sciences, Budapest
- Feb 1993 [European Philosophy and the American Academy](#), The Second Monist Colloquium, held at Wingspread, Wisconsin, February 12-14, 1993
- Aug 1993 [Philosophy and the Cognitive Sciences, 16th International Wittgenstein Conference](#), Kirchberg am Wechsel, Austria.
- Jul 1994 [First International Summer Institute in Cognitive Science \(FISI-CS\)](#), University at Buffalo, July 5-30 (Co-Director, with Robert Van Valin).
- [Topological Foundations of Cognitive Science](#), Workshop organized as part of [FISI-CS](#), Buffalo
- Apr 1997 [History of the Concepts of Space](#), Workshop sponsored by the Department of Philosophy, the Center for Cognitive Science, and the National Center for Geographic Information and Analysis of the University at Buffalo
- Oct 1997 Academic Freedom in Perspective. A Conference at Canisius College, Buffalo, NY, April 25-26
- Oct 1997 The Origins of Property, Conference organized in the Department of Philosophy, University at Buffalo
- Apr 1998 [Applied Ontology. An International Conference on Law and Institutions in Society](#) (Marvin Farber Conference), University at Buffalo, April 24-25
- Jun 1998 [Ontology of Fields](#). Research Meeting of the NSF Varenus Initiative, Bar Harbor, Maine
- Aug 1998 Panel on the Philosophy of John Searle, World Congress of Philosophy, Boston
- Nov. 1998 Symposium on: The Ontology of Integrated Products – The Microsoft/Netscape Browser Wars, Department of Philosophy. University at Buffalo (with David Koepsell)
- Oct 1999 The Last Days of the Human Race: Karl Kraus Symposium, University at Buffalo
- Aug 2000 Rationality and Irrationality. [23rd International Wittgenstein Symposium](#), Kirchberg, Austria, August 13-19
- Oct 2001 [Formal Ontology in Information Systems](#) (FOIS 2001): Second International Conference, Ogunquit, Maine (with Chris Welty), October 17-19.
- Apr 2002 [Ontological Spring](#), Introductory Workshop in Ontology, Naumburg, Germany, April 17-20, 2002
- Sep 2002 Academic Freedom and Intellectual Pluralism: US and Canadian Perspectives, Medaille College, Buffalo, September 20–21
- Nov 2002 [Ontology and WordNet](#), University of Leipzig, Germany, November 27
- Mar 2003 After Modernism and Postmodernism: New Directions in the Arts, Hegeler Institute, La Salle, Illinois (with David R. Steele), March 28-30

- Apr 2003 [The Mystery of Capital and the Construction of Social Reality](#). A multi-disciplinary workshop with Hernando De Soto and John Searle, held in the University at Buffalo, sponsored by the National Science Foundation (with David Mark and Isaac Ehrlich), April 12-15
- Sep 2003 [Reference Ontology and Application Ontology](#), Workshop at KI 2003: Annual Conference of the German Artificial Intelligence Society, Hamburg, Germany
- May 2004 [The Formal Architecture of the Gene Ontology](#), sponsored by the EU FP6 Network in Medical Informatics Semantic Datamining and the Max Planck Institute for Evolutionary Anthropology, Leipzig, May 28–29.
- Jul 2004 [Ontology Workshop](#), Summer School of the European Union Network of Excellence in Medical Informatics and Semantic Datamining, Balatonfüred, Hungary, 4–6 July 2004.
- Nov 2004 [Medicine and Metaphysics](#), University at Buffalo, Buffalo, NY, November 13-14
[Description Logics and Reasoning about Patient Data](#), Saarland University, Saarbrücken, Germany, November 22-23
[Ontology: Interoperability of Patient Records and Biomedical Informatics](#), November 25, Brussels, Belgian Ministry of Health and European Commission (organized in conjunction with EUROREC 2004)
- Jan 2005 [The Theory of European Unification](#), Europa Institute, University of Saarbrücken, Germany, January 18
- Apr 2005 [Mapping the Human Body](#), National Center for Ontological Research, Buffalo April 16-17
[Ontologies and Biomedical Informatics](#), International Medical Informatics Association Working Group 6, Rome, April 29–May 2 (with Jim Cimino)
- Jul 2005 [Workshop on Health Messaging Standards](#), Summer School of the European Union Network of Excellence in Medical Informatics and Semantic Datamining, Tihany, Hungary, 3 July 2005.
- Oct 2005 [Ontology and Cancer Bioinformatics](#): Joint Columbia-Buffalo Workshop, Hauptmann-Woodward Institute, Buffalo, October 14, 2005 (“The National Cancer Institute Thesaurus”)
[National Center for Ontological Research Inaugural Event](#), University at Buffalo, October 27, 2005 ([Video](#))
[Workshop on Bio-Ontologies](#), University at Buffalo and National Center for Ontology Research, October 28, 2005 (“Symposium on the Gene Ontology”, with David Hill)
- Mar 2006 [Image Ontology Workshop](#), National Center for Biomedical Ontology, Stanford University, March 23-24, 2006
- Apr 2006 [The Metaphysics of E. J. Lowe](#), National Center for Ontological Research, University at Buffalo, April 8-9, 2006 (jointly with R. Dipert and D. Hershenov)
- Sep 2006 [Workshop on Model Organism Anatomy Ontology](#), Seattle, September 8-9, 2006.
- Nov 2006 [Workshop on Disease Ontology](#), Baltimore, November 6-7, 2006
[Biomedical Ontology in Action](#) (KR-MED 2006), November 8, 2006, Baltimore, MD (with Olivier Bodenreider and Fabian Neuhaus)
Genomics Knowledge Representation for Clinical Trials, Workshop, AMIA Annual Symposium, Washington, November 12, 2006
[Panel on the Future of HL7](#), AMIA Annual Symposium, Washington DC, November 14, 2006
[Ontology for the Intelligence Community](#) (NCOR) Columbia, MD, November 30-December 1, 2006
- Mar 2007 Towards Interoperability of Biomedical Ontologies, [Dagstuhl Seminar](#), March 25-29, 2007
- May 2007 [Ontology of Clinical Trials](#). Workshop of the National Center for Biomedical Ontology, NIH Campus, Bethesda, MD, May 16-17, 2007
- Jun 2007 [Reasoning with Biomedical Information](#): Training Course in Logic for Biomedical Research, Schloss Dagstuhl, 20-23 June 2007
- Aug 2007 [The EnvO Workshop: Developing an Ontology for Describing the Environments of Organisms and Biological Samples](#), UK National Environment Research Council, OERC: Oxford e-Research Centre, UK, August 29-31 (with Michael Ashburner, *et al.*)
- Sep 2007 [Infectious Disease Ontology](#), Cold Spring Harbor Laboratory, Long Island, NY, 19-21 September 2007, sponsored by the Burroughs Wellcome Fund (with Lindsay Cowell)
- Nov 2007 [EnvO Workshop II](#), Cold Spring Harbor Laboratories, November 15-16 (with Michael Ashburner,

et al.)

- [Ontology for the Intelligence Community 2007](#), Columbia, MD and Mitre Corporation, November 28-30.
- Dec 2007 [Protein Ontology Kick-Off Meeting](#), Georgetown University, Washington DC, December 2-4 (with Darren Natale).
- Feb 2008 [Inaugural Conference of the Japanese Center for Ontological Research](#), February 26-27 (with Mitsu Okada).
- Mar 2008 [EnvO Workshop III](#), University of Manchester, UK, March 13-16, sponsored by the Genome Standards Consortium (with Michael Ashburner, *et al.*).
- [Ontology of Cellular Networks](#), Newark, NJ, March 26-27 (with Yves Lussier and Alan Ruttenberg)
- Jun 2008 [Evolutionary Biology and Ontologies Workshop](#). Organized as part of the Evolution 2008 Conference in the University of Minneapolis, MN on June 20 (with Paula Mabee, Todd Vision, Monte Westerfield)
- Jul 2008 [First OBO Foundry Summit Meeting](#), European Bioinformatics Institute, Hinxton, Cambridge, UK, July 7-8 (with Susanna Assunta-Sansone and the OBO Foundry Coordinating Editorial Board)
- Sep 2008 [Signs, Symptoms and Findings: First Steps Toward an Ontology of Clinical Phenotypes](#), University of Texas Southwestern Medical Center, Dallas, Texas, on September 3-4, (with Richard Scheuermann)
- Second Information Artifact Ontology Workshop, University at Buffalo, September 15.
- [Second Infectious Disease Ontology Workshop](#), sponsored by the Burroughs Wellcome Fund, University at Buffalo, September 16-17 (with Lindsay Cowell)
- Nov 2008 [Second Annual Protein Ontology Meeting](#), Georgetown University, Washington DC, November 18-19
- Jan 2009 [Second Evolutionary Biology and Ontologies Workshop](#). Organized as part of the Annual Meeting of the Society for Integrative and Comparative Biology (SICB) in Boston, MA on January 5 with Paula Mabee, Todd Vision, Monte Westerfield)
- Feb 2009 [2nd Interdisciplinary Ontology Conference](#), Keio University, Tokyo, Japan, February 27-March 1 (with Mitsu Okada)
- Jun 2009 [Ontology-Driven Semantic Interoperability in eHealth](#), European Commission Directorate General Information Society and Media, Brussels, June 22-23 (with Ilias Iakovidis and Erwin Bartels)
- Jul 2009 [International Conference on Biomedical Ontology \(ICBO\)](#), University at Buffalo, July 20-26
- Sep 2009 [Signs, Symptoms and Findings: Towards an Ontology for Clinical Phenotypes](#), Italian National Research Council Institute for Biomedical Technologies and University of Milan, September 4-5 (with Richard Scheuermann)
- Feb 2010 [Ontologies for the Virtual Physiological Human](#), February 14, European Bioinformatics Institute, Cambridge (with Bernard de Bono and Alan Ruttenberg)
- [3rd Interdisciplinary Ontology Conference](#), Keio University, Tokyo, Japan, February 26-28 (with Riichiro Mizoguchi)
- Mar 2010 [Ontology Summit 2010](#), National Institute of Standards and Technology (NIST), Gaithersburg, MD, March 15-16 (Co-Chair, with Steve Ray)
- Apr 2010 Infectious Disease Ontology Collaborators Meeting, Duke University, Durham NC, April 6-9 (with Lindsay Cowell)
- 3rd Annual Protein Ontology Meeting, April 26-28, Newark, USA.
- Sep 2010 Infectious Disease Ontology Workshop, [13th World Congress on Medical and Health Informatics \(Medinfo 2010\)](#) in Cape Town, South Africa on September 11, 2010 (with Albert Goldfain and Lindsay Cowell)
- Oct 2010 [An Introduction to Ontology Building](#), Buffalo, October 23
- Dec 2010 [Workshop on Infectious Disease Ontology](#), Baltimore, MD, December 8-9 (with Lindsay Cowell)
- Apr 2011 [Workshop on Ontology Driven Implementation of Semantic Services for the Enterprise Environment](#) (ODISSEE), sponsored by US Federal Government, Alion Science and Technology, and the National Center for Ontological Research, Washington DC, April 12-13

- (with Lowell Vizenor)
- Jun 2011 Ontology-Based Research on Medicare/Medicaid Data, School of Pharmacy and Pharmaceutical Sciences, University at Buffalo and Department of Pharmacological Sciences, Stony Brook University, Buffalo, NY, June 15.
 - Jul 2011 [International Conference on Biomedical Ontology \(ICBO\)](#), Buffalo, NY, July 26-30, 2011 (Conference Chair)
 - Sep 2011 Alzheimer's Research in the University at Buffalo, Buffalo, NY, September 2, 2011.
 - Oct 2011 [Kick-Off Meeting](#), Alzheimer's Research Forum and Protein Ontology, Buffalo, NY, October 4-5, 2011 (with Alan Ruttenberg and Cathy Wu)
 - Nov 2011 [Basic Formal Ontology 2.0](#), Center of Excellence in Bioinformatics and Life Sciences, University at Buffalo, NY, November 10-11, 2011
 - Apr 2012 Ontology for the Intelligence Community, Training and Coordination Event for the US Army DSC Cloud, Aberdeen Proving Grounds, Aberdeen, MD, April 19-20, 2012
[First Clinical and Translational Science Ontology Workshop](#), National Center for Biomedical Ontology, Baltimore, MD, April 25-26, 2012
 - May 2012 [Basic Formal Ontology and the Signature Discovery Ontology](#), UB Ontology Research Group and the Pacific Northwest National Laboratory, CUBRC, Buffalo, NY, May 1-2, 2012
 - Jun 2012 [Immunology Ontologies and Their Applications in Processing Clinical Data](#), Workshop sponsored by the National Center for Biomedical Ontology, and by the Protein Ontology and Infectious Disease Ontology Consortia, Buffalo, NY, June 11-13, 2012.
 - Jul 2012 [Towards an Ontology of Mental Functioning](#), Workshop organized in conjunction with the Third [International Conference on Biomedical Ontology](#) (ICBO), Medical University of Graz, Austria, July 22, 2012
 - Aug 2012 [Basic Formal Ontology 2.0 Preliminary Development Workshop](#), Center of Excellence in Bioinformatics and Life Sciences, National Center for Ontological Research. August 18-19
 - Feb 2013 [Second Clinical and Translational Science Ontology Workshop](#), Orlando, FL, February 11-12, sponsored by the Translational Network of the University of Arkansas for Medical Sciences (with William Hogan and Melissa Haendel)
 - Apr 2013 [Ontology for Information Integration: The Challenges of Big Data in Military, Security, and Intelligence Domains](#), NCOR Workshop, Buffalo, NY, April 18 (with Ron Rudnicki)
 - May 2013 [Basic Formal Ontology 2.0 Development Workshop](#), National Center for Ontological Research, University at Buffalo, May 13-14
[PRO-PO-GO: Challenges of Ontology Coordination Across Organisms](#), Plant Ontology Consortium, Protein Ontology Consortium and National Center for Biomedical Ontology, May 15-16
 - Sep 2013 [ImmPort Ontology Conference](#), NIAID Bioinformatics Integration Support Contract (BISC), Stanford University, September 4-5
 - Oct. 2013 [Training and Strategy for ImmPort Data Submitters](#), Rho Federal Systems Division, Chapel Hill, NC, October 9-10
 - June 2014 [Protein Ontology Workshop](#), Georgetown University, DC, June 18-19
[Ontology and Imaging Informatics; Third Clinical and Translational Science Ontology Workshop](#), University at Buffalo, NY, June 23-25
 - Sep 2014 [Information Artifact Ontologies Workshop](#), co-located with [Formal Ontology in Information Systems 2014](#), Rio de Janeiro, September 22
 - Oct 2014 [MedDRA and Ontology](#), Technical Workshop, [International Conference on Biomedical Ontology \(ICBO\)](#), Houston, October 7
 - May 2015 [The Role of Ontology in Big Cancer Data](#), National Cancer Institute, Bethesda, MD, May 12-13
 - Sep 2015 [Information Meeting on Joint Doctrine Ontology](#), Multi-Agency Collaborative Environment (MACE) Fusion Center, Herndon, VA, September 16-17
[Ontology in Practice: Fourth Clinical and Translational Science Ontology Workshop](#), Charleston, SC, September 23-25 (with Jahid Obeid and William Hogan)
 - Nov 2015 [Symposium on Military Codes of Ethics](#), University at Buffalo, November 2.

- Feb 2016 [Workshop on BFO and the Ontology of Deontic Entities](#), University of Florida School of Medicine, Gainesville, FL, February 17-19 (with William Hogan)
- May 2016 [Ontological Approaches to Sensor Data Analysis](#), National Center for Geographic Information and Analysis, Buffalo, NY, May 19-20 (with Ling Bian and Werner Kuhn)
- Sep 2016 [Clinical Terminology Shock and Awe](#), University at Buffalo, September 7-8 (with William Hogan)
- Apr 2017 [MatOnto Ontology Meetings](#), University at Buffalo, April 3-5.
- Aug 2017 [IAOA Summer Institute on Upper Ontologies](#), University of Toronto, August 8-11 (with Michael Grüninger, Stefano Borgo and Nicola Guarino)
- Aug 2017 [A Strategy for Promoting Data Interoperability Across the Enterprise](#), Workshop of the ASME 2017 International Design Engineering Technical Conferences (IDETC) and Computers & Information in Engineering Conference (CIE) (IDETC/CIE). Cleveland, OH, August 6
- Oct 2017 [Protein Ontology Consortium Workshop 2017](#), Bar Harbor, MN, October 11-12
[Microbiology for the CTSA: Ontological Approaches](#): Sixth Clinical and Translational Science Ontology Workshop, University of Michigan, Ann Arbor, October 24-25 (with Yongqun He, Amanda Hicks and William Hogan)
- Jul 2018 [The Industrial Ontologies Foundry \(IOF\) Workshop](#), Buffalo, NY, July 18-19
- Apr 2018 [Capabilities: Human and Machine](#), Workshop, University at Buffalo School of Engineering and Applied Sciences, April 20. [Video](#)
- Sep 2018 [Navy SYSCOM and DoD Ontology Workshop](#), Engility, Washington DC, September 18-19
- Oct 2018 [Relation Ontology 2018](#), University of Colorado, Denver, October 24-25 (with Larry Hunter and Chris Mungall)
- Feb 2019 [Ontology for Precision Medicine: From Genomes to Public Health](#), Orlando, FL February 20-21 (with William Hogan)
- Oct 2019 [Protein Ontology Consortium Workshop](#), Georgetown University Medical Center, October 23-24 (with Darren Natale)
- Mar 2020 [Industrial Ontologies Foundry Meeting](#), University at Buffalo, March 5.
- Mar 2022 [AI and Complex Systems in Biomedicine. Eighth Clinical and Translational Science Ontology Workshop](#), Orlando, Florida, March 16-18 (with William Hogan)
- May 2022 [Ontology of Finance](#), Department of Philosophy, University at Buffalo, May 7 (with Gloria Sanso)
- Sep 2022 [International Conference on Biomedical Ontology \(ICBO\)](#), University of Michigan, Ann Arbor, Workshop on [Financial & Legal Dimensions of Healthcare](#), September 26 (with William Hogan).
- Oct 2022 Ontology Day (Meeting of University at Buffalo and University of Toronto Ontologists), Department of Philosophy, University at Buffalo, October 24.
- Feb 2023 [Ontologies, AI and Electronic Health Records](#). 10th Clinical and Translational Science Ontology Workshop, Medical University of South Carolina, Charleston, February 23 - 24, 2023
- May 2023 [Basic Formal Ontology Summit Meeting](#), University of Buffalo, March 23-25 (with John Beverley)
- Jun 2023 [Enhanced Object-Based Production Conference](#), SAIC Rosslyn, Arlington VA, June 22-23 (with Carter-Beau Benson)