



Curriculum Vitae

KARIN VERELST

B. Sc., B.A., M.Sc., M.Phil., PhD

Professional address:

*Centrum Leo Apostel,
Vrije Universiteit Brussel (VUB)
Krijgskundestraat 33
B-1160 Brussels
Belgium
+32 2 6442677*

Home address:

*A. en M. Hellinckxstraat 28
Bus 3
B-1083 Ganshoren
Brussels
Belgium
+32 491508144*

e-mail: karin.verelst@vub.be

°14 October 1965, Mol, Belgium

CURRENT POSITION

2002 - present

Associate professor (docent) at the Arts College RITCS of the Erasmushogeschool Brussels.

Courses: History and Philosophy of Science, Philosophy and Narratology, Dramaturgy and Worldview

<https://www.ritcs.be/> (part time)

2019 - present

Lecturer/instructor at the School of Thinking of the Vrije Universiteit Brussel

Course: Critical thinking

<https://schoolofthinking.be/>

2000 - present

Senior Research Fellow at the interdisciplinary Center Leo Apostel of the Vrije Universiteit Brussel

<http://www.vub.ac.be/CLEA/>

PREVIOUS POSITIONS

2018 - 2019

Docent at the Centrum voor Volwassenenonderwijs Brussel

Courses: Nederlands als tweede taal voor immigranten (part time)

<http://www.cvobrusssel.be/>

2016 - 2017

NIAS-Fellow. Research Project: "The correspondence between Huygens, Leibniz, Fatio de Duillier and Newton"

<https://www.nias.nl/fellows/year-group-2016-17/verelst-karin>

2014-2015

Associate professor at Vesalius College, the American college associated with the VUB.

Course in Mathematics for Business and human science students; Statistics.

<http://www.vesalius.edu/>

2009-2011

Lecturer at the Open Universiteit Nederland.

Master's courses in: a) Philosophy at the Age of Reason; b) Philosophy of Science; c) Argumentation Theory

<http://www.ou.nl/>

2007-2008

Scaliger Fellow Scaliger Institute, Leiden University, 2008

Visiting research fellow (postdoc) Faculty of Philosophy Leiden 2007

2007-2009

Postdoctoral research fellow (2007-2009) at the research group FUND: Foundations of Exact Sciences, Department of Mathematics, Faculty of Science, VUB. Affiliated to the VUB's interdisciplinary research centre Centrum Leo Apostel (CLEA).

2000 – 2006

Research assistant at FUND-CLEA, VUB.

2000-2001

Temporary Lecturer at the Hogeschool Antwerpen (formation of science teachers).

Course: Science Teaching Methodology

1996-2000

Secondary School teacher for chemistry, physics and mathematics at various schools and institutions in Brussels/Belgium.

Courses: science, mathematics, chemistry and physics

EDUCATION

2000-2006

Ph.D: Vrije Universiteit Brussel, *summa cum laude*.

Doctoral dissertation in philosophy. Public defense: October 13th, 2006.

Title: *De Ontologie van den Paradox [The Ontology of Paradox]*

Supervisor: prof. dr. (Em.) H. Dethier; Co-supervisors: prof. dr. R. De Smet (Classical Studies, VUB); prof. dr. B. Coecke (Comlab, Oxford).

1992-1994

M. Phil: VUB, *magna cum laude*.

B.A: short program, VUB 1991-1992, *cum laude*.

M.Sc.: area of specialisation: Molecular Biology, VUB 1989-1991, *cum laude*.

1986-1989

B.Sc.: Universiteit Hasselt/LUC

AWARDS

2016-2017

NIAS-Fellowship, NIAS Institute, Amsterdam, The Netherlands

2011

Visiting research grant, FWO-CONICET (UBA, Buenos Aires).

2008

Scaliger Fellowship, Leiden University.

2000-2005

Research grant ("Krediet aan Navorsers"), VUB.

LANGUAGE SKILLS

- Native language: Dutch
- Second languages: French, English
- other: German, Spanish
- Reading knowledge: Latin, Ancient Greek
- Working knowledge: Sankrit, Chinese (Mandarin)

ACADEMIC SERVICE

Refereeing/reviews

Quaerendo — 2023

Disputatio — 2016

Isis — 2012

EPSA 11 proceedings — 2012

Foundations of Science — 2005-present

Committee memberships

2022

Scientific committee member IFHEMA – MAM Symposium *Crossing Swords, Crossing Boundaries* — multilingual and intercultural interactions and exchanges in the *Fechtbuch Corpus*, Brescia, Italy, 3 – 4 December 2022

2011

Program committee member EPSA 11
<http://epsa11.phs.uoa.gr/>

2004

Organizing committee member *Symposium Henri Poincaré*
International Solvay Institutes for Physics
ULB/VUB, Brussels, October 8-9, 2004

1995

Organizing committee member *The “Einstein meets Magritte”-Conference*
to mark the 25th anniversary of the *Vrije Universiteit Brussel*
May 29-June 3, 1995, Brussels

EDUCATIONAL CO-ORGANISER

2023

Workshop: The Travelling Transdisciplinary Bootcamp (TTB),
Center Leo Apostel, Vrije Universiteit Brussel (VUB)
6 December 2022
<https://prod-efe0b729754829f8-vub.paddlecms.net/travelling-transdisciplinary-bootcamp>

2021

Postgraduate program School of Thinking — Center Leo Apostel, Vrije Universiteit Brussel <https://schoolofthinking.be/> (2018 – 2024)

LIST OF PUBLICATIONS AND PRESENTATIONS

(Co-)Editor

Book project

The Correspondence between Huygens, Leibniz, Fatio De Duillier and Newton

Publisher: Brill — in preparation

Series: Medieval and Early Modern Science — ed. C. Lüthy

Editor: Karin Verelst

Book

Late Medieval and early Modern Fight Books. A Handbook

Publisher: Brill, 2016

Series: History of Warfare — ed. K. DeVries

Editors: Karin Verelst, Daniel Jaquet, and Timothy Dawson

<http://www.brill.com/products/book/late-medieval-and-early-modern-fight-books>

Foundations of Science

Special Issue: "The Concepts of Space and Time in Newton and Leibniz"

Volume 18, 3, 2013

DOI 10.1007/s10699-011-9276-1 (March 2012)

Editors: Maarten Van Dyck and Karin Verelst

Publications

A: INTERNATIONAL JOURNALS

Review of Miriam Vogelaar, *The Mokken Collection: Books and manuscripts on fencing before 1800*

Quaerendo, October 2023

Author: Karin Verelst

Medicine, Logic, or Metaphysics? Aristotelianism and Scholasticism in the Fight Book Corpus

Acta Periodica Duellatorum, **11**, 1, 2023, pp. 91-127

Special issue: *Fight Books in Context: Martial and University Cultures at the Edge of Modernity*

Hélène Leblanc (ed.)

Author: Karin Verelst

Newton vs. Leibniz: Intransparency vs. Inconsistency

Synthese, **191**, 13, 2014, pp. 2907-2940

Special issue: *Is Science Inconsistent?*

Otavio Bueno and Peter Vickers (eds.)

arXiv:1203.2292v1 [physics.hist-ph] 10 Mar 2012

Author: Karin Verelst

Review of D. Lehoux, *What Did the Romans Know? An Inquiry into Science and Worldmaking.*

Isis, **104**, 1, March 2013, pp. 155-156

Author: Karin Verelst

“Whatever Is Neither Everywhere Nor Anywhere Does Not Exist”: The Concepts of Space and Time in Newton and Leibniz

Foundations of Science, **18**, 3, 2013

Authors: Maarten van Dyck and Karin Verelst

Infinity and the Sublime

Journal of Interdisciplinary History of Ideas,

vol. 2, 4, 2013

arXiv:1002.3177v1 [math.HO] 16 Feb 2010

Author: Karin Verelst

On what Ontology Is and not-Is

Foundations of Science, **13**, 3, 2008

arXiv:0805.3359v1 [math.HO] 21 May 2008

Author: Karin Verelst

Towards an Ontology of Experience — methodological reflections

Ludus Vitalis, **10**, 17, 2002

Author: Karin Verelst

Newton’s Scholium Generale. The Platonic and Stoic legacy: Philo, Justus Lipsius and the Cambridge Platonists

History of Science, **39**, 2001

Authors: Rudolf De Smet and Karin Verelst

On the Ontology realised in Technological World-reconstruction

Dialogue and Universalism, **9**, 3, 2001

Author: Karin Verelst

B: CHAPTERS IN BOOKS & LOCAL JOURNALS

Classical Thought in Newton's General Scholium

Isaac Newton’s General Scholium to the Principia: science, religion and metaphysics,

Editors: S. Snobelen, S. Ducheyne, S. Mandelbrote

Forthcoming 2024

Author: Karin Verelst

Zeno's Paradoxes as *Dialetheia*

Dialetheism & its Applications

Forthcoming in the "Trends in Logic" series (Springer)

Editors: A. Rieger and G. Young

Author: Karin Verelst

Finding a Way through the Labyrinth: Some Methodological Remarks on Critically Editing the Fightbook Corpus

Late Medieval and early Modern Fight Books. A Handbook

Publisher: Brill, 2016

Series: History of Warfare — ed. K. DeVries

Author: Karin Verelst

Zeno's Paradoxes. A Cardinal Problem. I. On Zenonian Plurality

Paradox: Logical, Cognitive and Communicative Aspects. Proceedings of the First International Symposium of Cognition, Logic and Communication

The Baltic International Yearbook of Cognition, Logic and Communication, Vol. 1, Riga, 2006

Škilters, J., Eklund, M., Jónsson, P.O., Wiegand O.K. (Eds.)

arXiv:math.HO/0604639 v1 28 Apr 2006

Author: Karin Verelst

Concerning the Ontology of the World Tree

Visions on Nature - Comparative Studies on the Theory of Gaia and Culture

Proceedings of the Gaia and Culture-conference, held in Italy, 2001

Brussels, VUBPress, 2004, Fons Elders (ed.)

Author: Karin Verelst

Some remarks on the relation between the microcosmical and macrocosmical instantiations of the mythological World-Axis

International Readings on Theory, History and Philosophy of Culture, vol. 7: Symbols, Images and Stereotypes of Contemporary Culture

Eidos/Unesco, St. Petersburg, 2000

Liubava Moreva et al. (eds.)

Author: Karin Verelst

Justus Lipsius en Isaac Newton. Neostoïcijnse invloeden op Newtons Gravitatieconcept

Denken als openheid. Liber Amicorum Hubert Dethier,

VUBPress, Brussels, 1999

Else Walravens and Johan Stuy (eds.)

Authors: Rudolf De Smet and Karin Verelst

A létezœk és a posztmodern technikai társadalom közötti kommunikáció ontológiai paradoxona

Pro Philosophia Füzetek, 3, Hungary, 1999

Author: Karin Verelst

Early Greek thought and perspectives for the interpretation of Quantum Mechanics: preliminaries to an ontological approach

Metadebates. The Blue Book of Einstein meets Magritte,

Kluwer Academic Publishers, Dordrecht, 1999

arXiv:physics/0611064 v1 7 Nov 2006

Author: Karin Verelst

The ontological paradoxicality of communication between living beings and post-modern technological society

International Readings on Theory, History and Philosophy of Culture, vol. 6: Issues of Communication in Contemporary Cultural Contexts,

Eidos/Unesco, St. Petersburg, 1998.

Liubava Moreva et al. (eds.)

Author: Karin Verelst

Seminars, Workshops and Conferences

A: (CO)-ORGANISER

The Travelling Transdisciplinary Bootcamp (TTB)

Center Leo Apostel, Vrije Universiteit Brussel

6 December 2022

<https://prod-efe0b729754829f8-vub.paddlecms.net/travelling-transdisciplinary-bootcamp>

Crossing Swords, Crossing Boundaries — multilingual and intercultural interactions and exchanges in the Fechtbuch Corpus

IFHEMA – MAM Symposium

Brescia, Italy, 3 – 4 December 2022

Imagining Consciousness

Workshop at the Netherlands Institute for Advanced Study (NIAS)

Amsterdam, 24 November 2016

Organisers: Sarah Durston, Hanneke Grootenboer, Bertjaap Koops, Karin Verelst

Worlds of Entanglement

Symposium at the Vrije Universiteit Brussel (VUB)

Brussels, 29-30 September 2017

Organisers: D. Aerts, M. Barros Bessone, A. Guzman, T. Veloz, K. Verelst

<http://www.vub.ac.be/CLEA/workshop/woe17/>

Imagining Consciousness

Workshop at the Netherlands Institute for Advanced Study (NIAS)

Amsterdam, 24 November 2016

Organisers: Sarah Durston, Hanneke Grootenboer, Bertjaap Koops, Karin Verelst

<https://nias.knaw.nl/news-events/calendar/seminar-and-lectures-events/the-elephant-in-the-room-the-relevance-of-consciousness-research-to-neuroscience>

The Promised Land of Transgenic Crops

Conference at the Seventh Burning Ice Festival

Brussels, 27 March, 2014

Organisers: Karin Verelst, Ali Bektas, Anneleen Kenis and Barbara Van Dyck

<http://www.kaaitheater.be/nl/e1399/the-promised-land-of-transgenic-crops/>

Whither Quantum Structures. Quantum Logic in the XXI-th century

International Workshop at the Centrum Leo Apostel

Brussels, 30 November - 1 December, 2013

Organisers: Federico Holik, Karin Verelst, Wim Christiaens

<http://www.vub.ac.be/CLEA/workshop/whitherquantum/>

Rediscovering Historical European Martial Arts I & II

Workshop at the International Medieval Conference

Leeds, 9-12 July 2012

Organizers: Daniel Jaquet and Karin Verelst

<http://www.leeds.ac.uk/ims/imc/imc2012.html>

“Whatever is neither everywhere nor anywhere does not exist” — The concepts of space and time in the seventeenth century

Workshop on the occasion of the CLEA Foundations Lecture by Andrew Janiak, presenting his upcoming book “Newton as Philosopher”

Brussels (VUB) and Ghent (UG), 7-8 April, 2008

Organizers: Maarten van Dyck and Karin Verelst

<http://h-net.msu.edu/cgi-bin/logbrowse.pl?trx=vx&list=h-ideas&month=0803&week=b&msg=dE5rMS91VtcmwFn33/uj7w&user=&pw=>

Structure and Identity

Conference at the Belgian Royal Academy

Brussels, 7-8 December 2007

Member of the Organising Committee

<http://www.vub.ac.be/CLEA/workshop/identity2007/home.htm>

Symposium Henri Poincaré

Symposium at the International Solvay Institutes for Physics

ULB/VUB, Brussels, October 8-9, 2004

Member of the Organising Committee

<http://www.ulb.ac.be/sciences/ptm/pmif/Poincare.html>

The “Einstein meets Magritte”-Conference to mark the 25th anniversary of the Vrije Universiteit Brussel

May 29-June 3, 1995, Brussels

Member of the Organising Committee

<http://pespmc1.vub.ac.be/Conf/EinmagAn.html>

B: PRESENTATIONS

Building ‘Real Worlds’: from the Storytelling of Science to the Science of Storytelling

CLEA Seminar (VUB)

Brussels, 6 June 2023

<https://clea.research.vub.be/clea-seminar-building-real-worlds-from-the-storytelling-of-science-to-the-science-of-storytelling-by>

Observing in Perspective

Travelling Transdisciplinary Bootcamp

Faculty of Law and Criminology & CLEA (VUB)

Brussels, 6 December 2022

<https://prod-efe0b729754829f8-vub.paddlecms.net/travelling-transdisciplinary-bootcamp>

Technology, representation, narration. Universality from another point of view

Screenwriting Research Network Conference

Vienna, 22-24 September 2022

Transgressing Boundaries

Transgression, Intelligences and the Noosphere

CLEA Open School,

Wiels, Brussels — VUB, 10 October 2020

On an ancient duality between the continuous and the discrete, and its tenacious refusal to go away
Congrès international triennal de la Sopha
Louvain-la-Neuve, 4-5 July, 2018
<https://sopha2018.sciencesconf.org/>

Krijgskunst als Levenskunst, in Oost en West, van alle tijden
Studium Generale Groningen University, 7 November 2017
<http://sggroningen.nl/nl/evenement/martial-arts-als-levenskunst>

Under-Standing Worldviews
Worlds of Entanglement. Symposium at the Vrije Universiteit Brussel (VUB)
Brussels, 29-30 September 2017
<http://www.vub.ac.be/CLEA/workshop/woe17/docs/program.pdf>

Consciousness in a Historical context
NIAS Workshop Imagining Consciousness
24 November 2016
<https://nias.knaw.nl/news-events/calendar/seminar-and-lectures-events/the-elephant-in-the-room-the-relevance-of-consciousness-research-to-neuroscience>

The Pen and the Sword. The Fechtbücher corpus as a new source to the study of European cultural history
NIAS Seminar (in cooperation with Runa Magnusson)
10 November 2016
<https://nias.knaw.nl/news-events/calendar/seminar-and-lectures-events/2016the-pen-and-the-sword-the-fechtbuecher-corpus-as-a-new-source-to-the-study-of-european-cultural-history2016>

The Correspondence between Huygens, Leibniz and Fatio de Duillier
HOPOS 2014
Ghent University, 3-5 July 2014
<http://www.hopos2014.ugent.be/>

Quantum Structures and Causation
Whither Quantum Structures. Quantum Logic in the XXI-th century
International Workshop at the Centrum Leo Apostel
Brussels, 30 November - 1 December, 2013
<http://www.vub.ac.be/CLEA/workshop/whitherquantum/>

Classical thought in Newton's General Scholium
Isaac Newton's General Scholium to the Principia: science, religion and metaphysics. A tercentenary symposium
University of King's College, Halifax, 24-26 October 2013
<https://isaacnewton.ca/general-scholium-symposium/>

Zeno's Paradoxes. A Cardinal Problem (VI) – Motion as Plurality
25 Years In Contradiction
Conference to mark the 25th anniversary of the publication of Graham Priest's *In Contradiction*
University of Glasgow, 7-9 December 2012
http://www.gla.ac.uk/schools/humanities/research/philosophyresearch/workshopsconferences/headline_237953_en.html

Historical European Martial Arts and History: some Methodological Reflections
Workshop "Rediscovering Historical European Martial Arts" at the International Medieval Conference
Leeds, 9-12 July 2012
<http://www.leeds.ac.uk/ims/imc/imc2012.html>

A Note on the Categorical Nature of Causality (III)

Conferencia Filosofía

Universidad de Buenos Aires

Buenos Aires, Argentina, August 24th 2011

A Note on the Categorical Nature of Causality (II)

Workshop on Physics and Computation (P&C)

Luxor, Egypt, Aug 30th -Sept 6th 2010

<http://www.pc2010.uac.pt/contents/venue.html>

A Note on the Categorical Nature of Causality (I)

Vijfde Vlaams-Nederlands Congres voor Algemene en Speciale Wetenschapsfilosofie Philosophy of Science in a Forest (PSF2010),

Internationale School voor Wijsbegeerte, Leusden, May 14-15th, 2010

Zeno's Paradoxes. A Cardinal Problem (V)

Colloquium at the Plato Centre

Trinity College, Dublin, May 22th, 2009

Zeno's Paradoxes. A Cardinal Problem (IV)

Gastcolloquium Instituut voor Geschiedenis en Grondslagen van de Natuurwetenschappen

University of Utrecht, Utrecht, March 12th, 2009

Reverse Epistemology and Quantum Measurement: An Outline of the Approach

Philosophical Perspectives on Understanding Quantum Mechanics Workshop

Vrije Universiteit Brussel Brussels, October 9, 2009

Nieuwentijt Infinitesimals and the Axiomatic Method: A seventeenth century attempt at formalising calculus consistently

Philosophical Aspects of Symbolic Reasoning in Early Modern Science and Mathematics (PASR)-conference

Het Pand, University of Ghent, August 27-29th 2009

Logical Theology or Theological Logic: What happened between 1400 and 1600?

International Medieval Congress

University of Leeds, 13-16 July 2009

Space, Time and Logic

Studia Logica International Conference Logic and the foundations of physics: space, time and quanta - Trends in Logic VI

Fondation Universitaire, Brussels, 11-12 December 2008

<http://www.vub.ac.be/CLWF/TrendsVI/>

Huygens -- Leibniz -- Fatio De Duillier: a post-Principia Debate on the Nature of Force

Scaliger Lecture

Scaliger Institute, Leiden, 3 June, 2008

G.O.D. in Newton and Leibniz: Intransparency vs. Inconsistency

Newton And/As Philosophy conference

Universiteit Leiden, 21-25 June, 2007

Deictical Roots of the Square (of Oppositions)

Square of Opposition conference

Montreux, Switzerland, June 1-3, 2007

<http://www.square-of-opposition.org/>

Reverse Epistemology and Quantum Measurement (II)

Jornadas sobre Estructuras Cuanticas, Instituto de Astronomia y Fysica del Espacio (IAFE), Buenos Aires, Argentina, April 27, 2007

Ontologie du paradoxe

Séminaire au Centre de Logique
Université Catholique de Louvain
Louvain-la-Neuve, 15 mars 2007

Deixis from the logical point of view

ECCO-seminar
VUB, Brussels, March 7, 2007

On what Ontology Is and Not-Is

Aristotelian Encounters conference
The Roosevelt Academy
Middelburg, January 26-29, 2007

Infinity and the Sublime

Logic and Rhetoric conference
Centre for Mathematical Sciences
Cambridge, Octobre 28-29, 2006
<https://www.dpmms.cam.ac.uk/~tf/LandR.html>

Zeno's Paradoxes. A Cardinal Problem

ICM 2006 (International Congress of Mathematicians)
Madrid, August 22-30, 2006
poster presentation

Reverse Epistemology and Quantum Measurement (I)

CLEA Young Quantum Meeting
Brussels, VUB, May 31, 2006
<http://www.vub.ac.be/CLEA/pub/yqm/>

Zeno's Paradoxes. A Cardinal Problem (III)

Paradox: Logical, Cognitive and Communicative Aspects
University of Latvia, Riga, Latvia, November 4-6, 2005

De ontologie van den wereldboom

Piranesi Lecture III
on the occasion of the publication of the book *Visions on Nature. Studies on the Theory of Gaia and Culture*, Huize Piranesi, Warder (NL), 26 september 2004

Invited speaker

Zeno's paradoxen. Een cardinaal probleem (II)

Centrum voor Empirische Epistemologie
VUB, Brussels, 22 april 2004

Zeno's Paradoxes. A Cardinal Problem (I)

Workshop *Philosophical Logic meets Mathematical Logic: from Classical to Quantum*
Centrum voor Logica en Wetenschapsfilosofie, VUB, Brussels, 5-7 february 2004

'The father is immoveable', or how Newton's natural philosophy is tributary to classical metaphysics

Conference: *Platonism at the origins of Modernity*
Clare College, Cambridge, 27-29th march 2003

Metaphysische en religieuze grondhoudingen in de exacte wetenschappen. Het geval Isaac Newton

Centrum voor Empirische Epistemologie
VUB, 27 februari 2003

On Experimental Observations and Physical Properties: Aspects of the Measurement Process in the Context of Operational Quantum Logic

(with Sonja Smets and Haroun Amira)

Biannual meeting of the International Quantum Structures Association (IQSA)
Vienna, July 1th-7th, 2002

Axis Mundi. A reflection on the ontology of the World Tree

Forum 2001-symposium Gaia and Culture

La Fratta, Sinalunga (Toscany), June 22th-24th 2001

Invited speaker

Towards an Ontology of Experience - methodological reflections

The 7th ISSEI-Conference, approaching a new millenium. Lessons from the past, prospects for the future, workshop IV

Bergen, Norway, 14th-18th August 2000

Some remarks on the relation between the microcosmical and macrocosmical instantiations of the mythological World-Axis

The Seventh International Symposium in Philosophy and Theory of Culture, St. Petersburg, Aug. 25-30, 1999

The ontological paradoxicality of communication between living beings and post-modern technological society

The Sixth International Symposium in Philosophy and Theory of Culture

St. Petersburg, Sept. 17-21, 1998

Chair Session IV

De evolutie van de begrippen "ruimte" en "tijd" vanuit ontologisch perspectief: van gewaarwording naar waarneming, van plaats en moment naar ruimte en tijd

Seminar

CLEA, VUB,

Brussels, February 1997

De klassieke geheugenkunst als cultuurhistorisch fenomeen,

Seminar on Rhetorics,

Dept. of Classics, VUB, Brussels, April 1997

Early Greek thought and perspectives for the interpretation of Quantum Mechanics

(with Bob Coecke)

Einstein meets Magritte Conference

VUB, Brussels, 29th May – 3th June, 1995

Chair Red Stream: "Science and Art"