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1) RESUMÉ -- BRIEF CV

Full Name and Title: Prof. Dr. Mauricio Suárez

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Complutense University of Madrid, 28040 Madrid, Spain.

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Areas of Specialization: Philosophy and History of Science; Philosophical Foundations of Physics; Philosophy of Probability; Methodology; Causation; Metaphysics

Present Appointments:

- Full Professor (“catedrático”) in Logic and Philosophy of Science, Complutense University of Madrid (since October 2016)
- Research Associate, London School of Economics (LSE), since 1998

Previous Appointments:

- Associate Professor (“profesor titular”), Complutense University (2002-16)
- Lecturer, Department of Philosophy, University of Bristol (1997-2003)
- Postdoctoral Research Fellow, Department of Philosophy, Northwestern University (1997-98)
- Teaching and Research Fellow, Department of Logic and Metaphysics, University of St Andrews (1996-97)
- Junior Lecturer in Philosophy of Physics, Faculty of Philosophy, Oxford University (1995-96)

Education: PhD in Philosophy, London School of Economics (1992-97), MSc. Philosophical Foundations of Physics, London School of Economics (1991-92); BSc. Astrophysics, Edinburgh University (1987-91)

Visiting Positions, Awards, Honours, and Distinctions:

- UNA-Europa Visiting Professor, Université Paris (Panthéon-Sorbonne), Dec 2018
- Honorary Research Associate, University College London (UCL), 2015-18
- Marie-Curie Senior Research Fellow, Institute of Philosophy, School of Advanced Study, London University (2013-15)
- Visiting Scholar, Philosophy Dept., Harvard University (2007, 2009, 2011)
- Vice-President, European Philosophy of Science Association (2009-2011)
- Corresponding Member, International Academy for the Philosophy of the Sciences – AIPS, Brussels (since 2008)
- Visiting Scholar, Centre for Time, University of Sydney (2003)
- Leverhulme Trust Fellow, UK (2001-2)
- Junior Research Fellow (JRF), Wolfson College, Oxford (1995-96)

Major Five Recent Publications with Descriptions of Research Projects:

Edited Books:

- (2011) *Probabilities, Causes and Propensities in Physics*, Synthese Library, vol. 347, Springer. A collection of papers by distinguished philosophers and physicists. I edited the book, wrote a substantial introduction, and contributed a chapter (“Casual Markov, Robustness and the Quantum Correlations”, pp. 173-196). My interest in quantum causation goes back to my doctoral work, and I have published regularly on it, most recently: “Interventions and Causality in Quantum Mechanics”, *Erkenntnis* 78 (2), pp. 199-213, 2013.

Research Papers:

- (2018) “The Chances of Propensities”, *Brit. J. Phil. Sci.* 69, pp. 1155-1177. (DOI: <https://doi.org/10.1093/bjps/axx010>). This is my latest piece defending objective propensities in the philosophy of probability, which also includes “Propensities and Pragmatism”, *The Journal of Philosophy*, CX (2), pp. 61-92, 2013.
- (2015) “Bohmian Dispositions”, *Synthese*, 192 (10), pp. 3203-3228 (DOI: 10.1007/s11229-015-0741-1). My most recent paper in the area of propensities in physics, and a sequel to (2007) “Quantum Propensities”, *Studies in History and Philosophy of Modern Physics*, 38, pp. 418-438; and (2004) “Quantum Selections, Propensities and the Problem of Measurement”, *Brit. J. Phil. Sci.*, 55, 2, pp. 219-255.
- (2014) “The Contextual Character of Causal Evidence”, *Topoi*, 33 (2), pp. 397-406 (DOI: 10.1007/s11245-013-9173-z). This paper argues that while the truth of causal claims is not contextual, the evidence for them always is. I intend to turn it into another research project along the lines of the “Inferentialism, Contextualism, and Relativism” workshop that I organized in Madrid.

Book Chapter:

- (2016) “Representation in Science” in P. Humphreys, Ed., *Oxford Handbook of the Philosophy of Science*, Oxford University Press, Chapter 21, pp. 440-459. (DOI:10.1093/oxfordhb/9780199368815.013.25). This is my most recent state of the art paper on the topic for which I am probably best known. There is a companion paper: “Scientific Representation”, *Oxford Bibliographies Online*, January 2014. (<http://www.oxfordbibliographies.com/view/document/obo-9780195396577/obo-9780195396577-0219.xml>), and an ambitious recent research article: (2015a) “Deflationary Representation, Inference, and Practice”, *SHPS*, 49, pp. 36-47. One of my first papers in the area (“An Inferential Conception of Scientific Representation”, *Phil. Sci.*, 71 (5), 2004, pp. 767-779) has received my largest citation count to date. A monograph is under contract with University of Chicago Press.

2) PERSONAL INFORMATION

Full Name and Title: Prof. Dr. Mauricio Suárez

Address (1): Department of Logic and Philosophy of Science, Complutense University, Faculty of Philosophy, 28040 Madrid, Spain.

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Address (2): Centre for Philosophy of Natural and Social Science, London School of Economics, Houghton Street, London WC2A 2AE.

Email: msuarez@filos.ucm.es m.suarez@lse.ac.uk

Webpage: <https://ucm.academia.edu/MauricioSuárez> <https://www.ucm.es/metcausa>

3) AREAS OF SPECIALIZATION

Philosophy and History of Science; Philosophical Foundations of Physics; Philosophy of Probability; Methodology; Causation; Metaphysics

4) PRESENT APPOINTMENTS

Full Professor and Chair ('Catedrático') in Logic and Philosophy of Science, Complutense University of Madrid (since October 2016).

Research Associate, Centre for Philosophy of Natural and Social Science (CPNSS), London School of Economics and Political Science (LSE), since 1998.

5) PREVIOUS APPOINTMENTS

01/10/02 – 31/10/16 Associate Tenured Professor ("Profesor Titular"), Complutense University of Madrid

01/09/97 – 01/04/03 University of Bristol, Department of Philosophy:
Lecturer (permanent from 1 August 2000).

01/09/97 – 31/08/98 Northwestern University, Department of Philosophy:
Postdoctoral Research Fellow.

01/09/96 – 31/08/97 St Andrews University, Department of Logic and Metaphysics:
Teaching and Research Fellow (full-time lectureship).

01/10/95 – 30/09/96 Oxford University, Sub-Faculty of Philosophy:
Junior Lecturer in Philosophy of Physics (full-time lectureship).

6) ACADEMIC QUALIFICATIONS

01/10/92 – 31/09/97 London University (LSE). PhD in Philosophy (Viva date: 16 September 1997). Thesis title: Models of the World, Data-Models and the Practice of Science: The Semantics of Quantum Theory.

- 01/10/91 – 31/09/92 London University (LSE). MSc (awarded with Distinction) in Philosophical Foundations of Physics. Dissertation title: The Logic of Quantum Theory: A Minimised Revolution.
- 01/10/87 – 31/09/91 Edinburgh University. BSc Honours in Astrophysics.

7) VISITING POSITIONS, AWARDS, HONOURS AND DISTINCTIONS

- 01/12/18 – 16/12/18 UNA-Europa Visiting Professor, Université de Paris 1 (Panthéon-Sorbonne).
- 01/10/15 – 30/09/18 Honorary Research Associate, Department of Science and Technology Studies, University College London (UCL).
- 01/10/13 – 30/09/15 Marie Curie Senior Research Fellow, Institute of Philosophy, School of Advanced Study, London University, UK
- 01/01/12 – 30/07/12 Visiting Professorial Fellow, Institute of Philosophy, School of Advanced Study, London University, UK.
- 01/12/11 – 30/09/12 Centre for Philosophy of Natural and Social Science (CPNSS), London School of Economics: Visiting Fellow.
- 01/05/11 – 31/11/11 Department of Philosophy, Harvard University: Visiting Scholar.
- 23/10/09 – 06/10/11 Vice-President: European Philosophy of Science Association (EPSA).
- 01/05/09 – 31/01/10 Department of Philosophy, Harvard University: Visiting Scholar.
- 18/09/08 – onwards Corresponding member of the International Academy of the Philosophy of Sciences (AIPS), Brussels.
- 01/07/07 – 31/08/07 Department of Philosophy, Harvard University: Visiting Scholar.
- 01/03/05 – 30/06/05 Centre for Philosophy of Natural and Social Science (CPNSS), London School of Economics: Visiting Fellow.
- 01/10/03 – 10/12/03 Centre for Time, University of Sydney, Australia: Visiting Scholar.
- 01/09/01 – 31/08/02 Leverhulme Trust Fellowship Award (UK).
- 01/09/98 – present Centre for Philosophy of Natural and Social Science (CPNSS), London School of Economics, UK: Research Associate
- 01/09/97 – 31/08/98 Northwestern University, Illinois, US: Postdoctoral Research Fellow.
- 01/10/95 – 30/09/96 Wolfson College, Oxford, UK: Junior Research Fellow.

8) RESEARCH

8.1. Publications

Books

(2019) *Filosofía de la Ciencia: Historia y Práctica*, Tecnos: Madrid.

Edited Books

(2011) *Probabilities, Causes and Propensities in Physics*. Edited with an introduction by M. Suárez. Synthese Library, vol. 347. Springer: Berlin and New York.

(2010b) *EPSA: Philosophical Issues in the Sciences: Launch of the European Philosophy of Science Association, vol. II*. Coedited with Mauro Dorato and Miklós Rédei. Springer: Berlin and New York.

(2010a) *EPSA: Scientific Methodology and Epistemology: Launch of the European Philosophy of Science Association, vol. I*. Coedited with Mauro Dorato and Miklós Rédei. Springer: Berlin and New York.

(2009) *Fictions in Science: Philosophical Essays on Modeling and Idealization*. Edited with an introduction by M. Suárez. Routledge: London.

Edited Volumes and Issues

(2018) *Inferentialism in Philosophy of Science and Epistemology* (co-edited with Javier González de Prado and Jesús Zamora Bonilla), special issue of *Synthese*, 2018. DOI: 10.1007/s11229-018-02009-4

(2012) *The Dynamics of Reason Reconsidered: Essays in Honour of Michael Friedman* (co-edited with Thomas Uebel), special issue of *Studies in the History and Philosophy of Science*, 41, pp. 1-53.

(2004) *Dispositions, Causes and Propensities in Science* (co-edited with Alexander Bird), special issue of *Theoria*, vol. 19, no. 51; with contributions by Alexander Bird, Mauricio Suárez, Alice Drewery, Agustín Vicente, Nicholas Maxwell.

(2000) *Causality in Physics*, special issue of *Theoria*, vol. 15, no. 37; with contributions by Phil Dowe, Jordi Cat, Joseph Berkovitz, Erik Curiel, Nancy Cartwright.

Articles and Contributions to Books

*: non-refereed commissions; otherwise refereed

(Forthcoming) “Physical Chance”, in Wilson, A. and E. Knox (Eds.), *Routledge Companion to the Philosophy of Physics*, Routledge.

(Forthcoming) “Philosophy of Probability”, in *History and Philosophy of Science and Technology*,

vol. 1, Encyclopedia of Life Support Systems (EOLSS), UNESCO, ed. P. Lorenzano.

(Forthcoming) “Informative Models: Idealization and Abstraction”, in Cassini, A. and J. Redmond (Eds.), *Models and Idealizations in Science: Fictional and Artifactual Approaches*, Springer.

(2019) “The Representational Semantic Conception” (with Francesca Pero), *Philosophy of Science*, 86, pp. 344-365.

(2018b) “The Chances of Propensities”, *The British Journal for the Philosophy of Science*, 69, pp. 1155-1177. (DOI: <https://doi.org/10.1093/bjps/axx010>).

(2018a) “Causalidad en la Ciencia” (with Cristina Villegas), Enciclopedia de la Sociedad Española de Filosofía Analítica (SEFA Encyclopedia): <http://www.sefaweb.es/causalidad-en-la-ciencia/>

(2017) “Propensities, Probabilities, and Experimental Statistics”, in Massimi, M., J.W. Romeijn and G. Schurz (eds.), *EPSA15 Selected Papers: European Studies in Philosophy of Science* vol. 5. Dordrecht: Springer, pp. 335-345. (DOI:10.1007/978-3-319-53730-6_27).

(2016b) “Varieties of Misrepresentation and Homomorphism” (with Francesca Pero), *European Journal for the Philosophy of Science*, 6 (1), pp. 71-90. (DOI: 10.1007/s11229-015-0741-1).

(2016a) “Representation in Science” in P. Humphreys, Ed., *Oxford Handbook of the Philosophy of Science*, Oxford University Press, pp. 440-459. (DOI:10.1093/oxfordhb/9780199368815.013.25).

(2015c) “Bohmian Dispositions”, *Synthese*, 192 (10), pp. 3203-3228 (DOI: 10.1007/s11229-015-0741-1).

(2015b) “Scientific Representation, Denotation, and Fictional Entities”, in *Recent Developments in the Philosophy of Science: EPSA13 Helsinki* (U. Maki et al., Eds.), Dordrecht: Springer, pp. 331-341.

(2015a) “Deflationary Representation, Inference, and Practice”, *Studies in History and Philosophy of Science*, 49, pp. 36-47. (DOI: <https://doi.org/10.1016/j.shpsa.2014.11.001>)

(2014d) “A Critique of Empiricist Propensity Theories”, *European Journal for Philosophy of Science*, 4 (2), pp. 215-231 (DOI: 10.1007/s13194-014-0083-8).

(2014c) “The Contextual Character of Causal Evidence”, *Topoi*, 33 (2), pp. 397-406 (DOI: 10.1007/s11245-013-9173-z).

(2014b) “Indeterminismo e Inferencia Causal” (“Indeterminism and Causal Inference”, with Iñaki San Pedro), *Teorema*, vol. XXXIII/I, pp. 95-109.

(2014a) “Scientific Representation”, *Oxford Bibliographies Online*, January 2014 <http://www.oxfordbibliographies.com/view/document/obo-9780195396577/obo-9780195396577-0219.xml> (<http://www.oxfordbibliographies.com/>).

(2013c) “Fictions, Conditionals and Stellar Astrophysics”, *International Studies in the Philosophy of Science*, 27 (3), October 2013, pp. 235-252.

(2013b) “Interventions and Causality in Quantum Mechanics”, *Erkenntnis*, 78 (2), pp. 199-213.

(2013a) “Propensities and Pragmatism”, *The Journal of Philosophy*, Volume CX (2), pp. 61-92.

(2012c) “Contextos de Descubrimiento Causal” (“Contexts of Causal Discovery”), *Revista de Filosofía*, vol. 37, 1, pp. 27-36.

(2012b) “Science, Philosophy, and the A Priori”, *Studies in History and Philosophy of Science*, vol. 43, 1, pp. 1-6.

(2012a) “The Ample Modeling Mind”, *Studies in History and Philosophy of Science*, vol. 43, 1, pp. 213-217.

(2011) * “Scientific Realism, the Galilean Strategy and Representation”, in W. González (Ed.), *Scientific Realism and Democratic Society: The Philosophy of Philip Kitcher*, Poznan Studies in the Philosophy of the Sciences and the Humanities, Amsterdam: Rodopi, vol. 101, pp. 269-293.

(2011b) “Four Theses on Probabilities, Causes, Propensities” in M. Suárez (Ed.), *Probabilities, Causes and Propensities in Physics*, Springer, pp. 1-41.

(2011a) “Causal Markov, Robustness and Quantum Correlations” (with Iñaki San Pedro), in M. Suárez (Ed.), *Probabilities, Causes and Propensities in Physics*, Springer, pp. 173-193.

(2010b) * “Fictions, Inference, and Realism”, in J. Woods (ed.), *Models and Fictions: New Essays*, Munich: Georg Olms Verlag, pp. 225-245.

(2010a) “Scientific Representation”, *Philosophy Compass*, 5, 1, pp. 91-101.

(2009e) “The Many Metaphysics within Physics”, *Studies in History and Philosophy of Modern Physics*, 40, pp. 273-76.

(2009d) * “La Filosofía de la Economía y de la Ciencia de Nancy Cartwright: Una Retrospectiva Panorámica” in J. C. Bermejo (Ed.), *Sobre la Economía y sus Métodos, Enciclopedia Iberoamericana de Filosofía*, Editorial Trotta, pp. 383-394.

(2009c), “The Principle of Common Cause and Indeterminism: A Review” (with Iñaki San Pedro), in J. L. González Recio (Ed.), *Philosophical Essays on Physics and Biology*, pp. 223-250.

(2009b) “Scientific Fictions as Rules of Inference”, in *Fictions in Science: Philosophical Essays on Modeling and Idealization*, Routledge, pp. 158-198.

(2009a) “Fictions in Scientific Practice”, in *Fictions in Science: Philosophical Essays on Modeling and Idealisation*, Routledge, pp. 1-15.

(2008c) “Harré Needs no Realism”, in Léna Soler, Howard Sankey and Paul Hoyningen-Huene (Eds.), *Rethinking Scientific Change and Theory Comparison: Stabilities, Ruptures, Incommensurabilities*, Springer, pp. 239-243.

(2008b) “Experimental Realism Reconsidered: How Inference to the Most Likely Cause Might Be Sound”, in Stephan Hartmann, Carl Hoefer and Luc Bovens (Eds.), *Nancy Cartwright’s Philosophy*

of Science, Routledge, pp. 137-163.

(2008a) “Theories: Tools versus Models” (with Nancy Cartwright), *Studies in History and Philosophy of Modern Physics*, 39, pp. 62-81.

(2007b) “Quantum Propensities”, *Studies in History and Philosophy of Modern Physics*, 38, pp. 418-438.

(2007a) “Causal Inference in Quantum Mechanics: A Reassessment”, in Federica Russo and Jon Williamson (Eds.), *Causality and Probability in the Sciences*, Texts in Philosophy Series, College publications, London, pp. 65-106.

(2006) “On the Analogy Between Cognitive Representation and Truth” (with Albert Solé), *Theoria*, 55, pp. 39-48.

(2005c) * “Procesos Causales, Realismo y Mecánica Cuántica”, in J. Díez and C. Hofer (Eds.), *Causalidad y Explicación: Homenaje a Wesley Salmon*, special issue of *Enrahonar*, 37, pp. 141-168, Autonomous University of Barcelona Press. (A Spanish version of (2004d) in part).

(2005b) * “Cassirer según Mormann: ¿Idealización o Abstracción?”, en E. Txapartegi (Ed.) *La Constitución de los Objetos en la Ciencia: Cualidades, Propiedades, Objetos*, Editorial Brujas, pp. 123-134.

(2005a) “The Semantic View, Empirical Adequacy and Application”, *Crítica*, vol. 37, No. 109, pp. 29-63.

(2004f) “An Inferential Conception of Scientific Representation”, *Philosophy of Science*, 71, 5, pp. 767-779.

(2004e) “Introduction”, in *Dispositions, Causes and Propensities in Science*, M. Suárez and A. Bird (eds.), special issue of *Theoria*, 19, no.3, pp. 257-58.

(2004d) “Causal Processes and Propensities in Quantum Mechanics”, in *Dispositions, Causes and Propensities in Science*, M. Suárez and A. Bird (Eds.), *Theoria*, 19, no. 3, pp. 271-300.

(2004c) “Propensiones y Selecciones Cuánticas: El Experimento de las Dos Rendijas”, in *Hipótesis y Verdad en Ciencia: Ensayos sobre la Filosofía de Karl Popper*, Universidad Complutense de Madrid. (Most of this article is a reprint in Spanish of part of 2004b).

(2004b) “On Quantum Propensities: Two Arguments Revisited”, *Erkenntnis*, 61, 1, pp. 1-16.

(2004a) “Quantum Selections, Propensities and the Problem of Measurement”, *British Journal for the Philosophy of Science*, 55, 2, pp. 219-255.

(2003b) “Hacking Kuhn”, *Revista de Filosofía*, 28, 2, pp. 261-284.

(2003a) “Scientific Representation: Against Similarity and Isomorphism”, *International Studies in the Philosophy of Science*, 17, 3, October 2003, pp. 225-244.

- (2001) * “Kinds of Models” (with Adam Morton), in P. Bates and M. Anderson (Eds.), *Model Validation in Hydrological Science*, John Wiley, pp. 11-21.
- (2000) “The Many Faces of Non-Locality: Dickson on the Quantum Correlations”, *British Journal for the Philosophy of Science*, vol. 51, no.4, pp. 882-892.
- (1999d) * “Epistemology in the Face of the Strong Sociology of Knowledge: A Reply to Maffie”, *History of the Human Sciences*, vol. 12, no.4, pp. 41-48.
- (1999c) “Theories, Models and Representations”, in L. Magnani, N. Nersessian and P. Thagard (Eds.), *Model-Based Reasoning in Scientific Discovery*, Plenum, New York, pp. 75-83.
- (1999b) “Non-Ideal Measurements and Physical Possibility in Quantum Mechanics” (with Marco Del Seta), in M.L.Dalla Chiara et al. (Eds.), *Language, Quantum, Music*, Kluwer Academic Publishers, pp. 183-195.
- (1999a) “The Role of Models in the Application of Scientific Theories: Epistemological Implications” in M. Morgan and M. Morrison (Eds.), *Models as Mediating Instruments*, Cambridge University Press, pp. 168-196.
- (1998) “Are ‘Sharp’ Properties in Quantum Mechanics Always Objective Elements of Reality?” (with Harvey Brown and Guido Bacciagaluppi) in D.Dieks and Pieter Vermaas (Eds.), *The Modal Interpretation of Quantum Mechanics*, Kluwer, pp. 289-306.
- (1996b) “In Defense of Scientific Realism: A review of Michael Redhead: From Physics to Metaphysics”, *Physics Today*, vol. 9, no.3, pp. 55-56.
- (1996a) “On the Physical Impossibility of Ideal Quantum Measurements”, *Foundations of Physics Letters*, vol. 9, number 5, pp. 425-435, 1996.
- (1995) “The Tool-Box of Science” (with Nancy Cartwright and Towfic Shomar) in W. Herfel, W. Krajewski, I. Niiniluoto, R. Wojcicki (Eds.), *Theories and Models of Scientific Processes*, Poznan Studies in the Philosophy of the Sciences and the Humanities, vol. 44, pp. 137-149.
- (1994) * “La Cuestión de la Causalidad en el Experimento de Einstein, Podolsky y Rosen: Una Visión Crítica”, in the Proceedings of the I Conference of the Spanish Society for Logic, Methodology and Philosophy of Science, UNED.

Encyclopaedia entries

- (2009c) “Quantum State Diffusion Theory”, in F. Weinert, D. Greenberger and K. Hentschel (Eds.), *Compendium on Quantum Physics*, Springer, p. 608.
- (2009b) “Propensities in Quantum Mechanics”, in F. Weinert, D. Greenberger and K. Hentschel (Eds.), *Compendium on Quantum Physics*, Springer, pp. 502-555.
- (2009a) “Causal Inference and EPR”, in F. Weinert, D. Greenberger and K. Hentschel (Eds.), *Compendium on Quantum Physics*, Springer, pp. 93-96.

Technical Papers (LSE Discussion Papers Series)

(2008) “The Principle of Common Cause and Indeterminism: A Review” (with Iñaki San Pedro), Contingency and Dissent Series Discussion Paper 07/08, August 2008. (Republished as (2009c).

(2007) “EPR, Robustness and the Causal Markov Condition” (with Iñaki San Pedro), LSE Philosophy Discussion Papers PP 04/07, August 2007.

(2006b) “Propensities in Quantum Mechanics”, LSE CPNSS Discussion Paper 80/06, May 2006.

(2006a) “Experimental Realism Defended: How Inference to the Most Likely Cause Might be Sound”, LSE CPNSS Contingency and Dissent Series Discussion Paper 01/06, January 2006.

(2002) “The Pragmatics of Scientific Representation”, 14,000 words, LSE CPNSS Discussion Paper 66/02, November 2002.

(2001) “Selections, Dispositions and the Measurement Problem”, LSE CPNSS Discussion Paper 57/01.

(2000) “A Causal Model for EPR” (with Nancy Cartwright), LSE CPNSS Discussion Paper 55/2000.

Book Reviews

(2011b) Bas Van Fraassen: Scientific Representation, *Metascience*, 20, pp. 417-442.

(2011a) Hugh Mellor: Probability: A Philosophical Introduction, *Theoria*, 70, pp. 99-103.

(2010) RIG Hughes: The Theoretical Practices of Physics, *Notre Dame Philosophical Review*, 5 December 2010: <http://ndpr.nd.edu/review.cfm?id=22049>.

(2002) Ronald Giere: Science without Laws, *Mind*, vol. 111, pp. 111-114.

(2000) Ian Percival: Quantum State Diffusion (with Adam Brocklehurst), *British Journal for the Philosophy of Science*, 51, no. 3, pp. 527-530.

(1996) Norton Wise (Ed.): The Values of Precision, *British Journal for the Philosophy of Science*, 47, pp. 483-486.

(1994) David Albert: Quantum Mechanics and Experience, *Erkenntnis*, 40, pp. 403-406.

Miscelanea

(2017) “When Mass Deportation Becomes an Ordinary Survey Question” (with Helen De Cruz), Medium, August, 14, 2017: <https://medium.com/@msuarez.es>

(2008) “First Conference of the European Philosophy of Science Association, Madrid 11-14 Nov 2007” (with Stathis Psillos), *Journal for General Philosophy of Science*, 39 (1), pp. 157-59.

(2000) “Editorial Introduction”, in *Causality in Physics*, (M. Suárez, ed.), Special issue of *Theoria*, vol. 15, no. 37.

Under Review or in Preparation

Books:

Inference and Representation, University of Chicago Press (contract offer also by Routledge), expected 2020.

Why Chance Matters, Bloomsbury (proposal under request), expected 2021.

Chance and Probability, in preparation.

Articles:

“Explanatory Chance”, to be submitted.

“The Sources of the Modeling Attitude in 19th Century Physics”, to be submitted.

8.2. Research Grants

Research Grants and Awards

- 2018 Spanish Ministry of Science, Innovation and Universities, Project PGC2018-099423 “Stochastic Representations in Natural Science: Conceptual Foundations and Applications” (41,000€). Principal Investigator. (1 January 2019 - 31 Dec 2021).
- 2015 Spanish Ministry of Economics and Competitiveness, Project FFI2014-57064-P “Probability in Science: Propensities, Statistics and Conditional Logic” (40,000 €). Principal Investigator. (1 January 2015 - 31 Dec 2018).
- 2015 Conferences Grants (£1,000) from the British Society for the Philosophy of Science (BSPS) and the Mind Association for the workshop “Propensities and Statistics” at the Institute of Philosophy, School of Advanced Study, London University (12/06/2015).
- 2014 Conference Grant (£1,000), British Society for the Philosophy of Science (BSPS), for the Workshop “Chance and Conditionals” at the Institute of Philosophy, School of Advanced Study, London University (18-19/07/2014).
- 2013 Marie Curie Intra European Senior Research Fellowship (309,235.20 €), “Probabilities, Propensities and Conditionals: Implications for Logic and Empirical Science”, European Commission (01/10/13 – 31/09/15): http://cordis.europa.eu/project/rcn/107932_en.html
- 2012 Visiting Professorial Fellowship, Institute of Philosophy (£3,000), School of Advanced Study, London University (01/01/12 – 31/07/12).

- 2012 Spanish Ministry of Economics and Competitiveness, Project FFI2011-29834-C03-01 “Causality, Inference and Science” (55,000 €). Principal Investigator. This is a project within the coordinated network in Spain FFI2011-29834 “Metaphysics and Science” of which I too am the overall coordinator. (1 January 2012 – 30 December 2014).
- 2011 Real Colegio Complutense Research Scholarship (6,000 \$) to pursue research at Harvard University (September-October 2011).
- 2011 Spanish Ministry of Education and Science Study-Abroad Fellowship (15,000€) to pursue research at Harvard University (May-August 2011).
- 2011 Spanish Ministry of Education and Science Conference Organisation Grant (“Acción Complementaria”) FFI2010-10612E (4,500€), towards the Causality, Inference, and Science workshop, Madrid, 4-5 March, 2011.
- 2009 Spanish Ministry of Education and Science, Project FFI2008-06418- C03-01 “Quantum Propensities and Quantum Probabilities: Representation and Application” (50,000 €). Principal investigator. This is a project within the coordinated network in Spain FFI2008-006418 “Philosophy of Physics: Propensities, Causality and Spacetime” – which I also coordinated. (1 January 2009-31 December 2011).
- 2009 Spanish Ministry of Education and Science Study-Abroad Fellowship (15,000€) to pursue research at Harvard University (May-August 2009).
- 2007 Spanish Ministry of Education and Science Conference Organisation Grant (“Acción Complementaria”) HUM2007-29190E (22,100€) towards the I Conference of the European Philosophy of Science Association, Madrid, 14-17 November 2007.
- 2007 Real Colegio Complutense Research Scholarship (4,000 US \$) for a two month stay at Harvard University (July-August 2007).
- 2006 Spanish Ministry of Education and Science Conference Organisation Grant (“Acción Complementaria”) HUM2006-27975-E/FISO (4,000 €) towards the II Causal and Classical Concepts in Science meeting, Madrid, 4-5 October 2006.
- 2006 Complutense University of Madrid / BSCH Project “New Experimentalism: Its Historical Roots” (6,000 €). Principal Investigator.
- 2005-8 Spanish Ministry of Education and Science, Project HUM 2005-04369 “Representation and Explanation: Pragmatic and Structural Aspects”.
- 2005-8 Spanish Ministry of Education and Science, Project: HUM 2005-07187- C03-01 “Causality, Propensities and Causal Inference in Quantum Physics” (22,000€). Principal Investigator. This is a project within the national coordinated network HUM 2005-07187 “Classical and Causal Concepts in Physics” (€59,000) – which I also coordinated. (15 October 2005 – 30 December 2008).
- 2005-8 British Arts and Humanities Research Council (AHRC) Project Grant “Dissent and Contingency in Science” (£293,000). Principal Investigators: Nancy Cartwright and

- Stephan Hartmann (London School of Economics).
- 2005 Spanish Ministry of Education and Science Study-Abroad Fellowship (9,200 €) to pursue research at the London School of Economics (UK).
- 2003 University of Sydney, School of Philosophical and Historical Inquiry, Centre for Time, Visiting Scholar grant (\$AUD 1,200). (October – December 2003).
- 2002-5 Spanish Ministry of Science and Technology, project BFF2002-01552 (28,000 €): “Causality, Determinism and Probability in Quantum Mechanics and Relativity Theory”. Principal Investigator.
- 2002-5 Spanish Ministry of Science and Technology, project BFF2002-01244 “Models in Theoretical Physics” (32,000€).
- 2002-3 Del Amo Foundation Joint Project UCSD / UCM (University of California at San Diego / Universidad Complutense de Madrid) (4,150 US\$): “In Defence of Theories as Tools”, Principal Investigator (UCM).
- 2002 Complutense University of Madrid travel grant (1,000 €) to attend the Philosophy of Science Association meeting, Milwaukee, US.
- 2001-2 UK Leverhulme Trust Fellowship Award (£17,395): “Scientific Representation: A Pragmatist View”.
- 1999 University of Bristol’s Alumni Foundation Grant to set up the Philosophy of Physics Research Seminar (£400)
- 1998 Bristol’s Faculty of Arts Research Committee Grant (£400)
- 1998- University of Bristol travel grants (x9) to attend conferences
- 1996 Awards from Mind (£500) and British Society for the Philosophy of Science (£100) to organize two international conferences at Oxford.
- 1993-5 Several research grants, LSE: Models in Physics and Economics project

Graduate Grants and Scholarships

- 1993/95 La Caixa-British Council PhD Scholarship.
- 1992/97 Graduate scholarships / awards to attend nine international workshops and conferences.
- 1992/93 Imre Lakatos Scholarship, LSE.
- 1991/92 LSE Bursary award.

8.3. Invited and Contributed Lectures, Seminars and Presentations

*: invited speaker; otherwise contributed paper.

2019

180. (June) * “Scientific Representations for Thought Experiments”, Midterm Conference of the Italian Society for Analytic Philosophy on Fiction and Imagination, Turin, Italy (17-18/06/2019).

179. (May) * “¿Es Posible Automatizar la Inferencia Causal?”, I Encuentro Ciencia-Filosofía, Real Academia de las Ciencias, Madrid, Spain (13/05/2019).

178. (April) * “Explanatory Chance”, Annual Lecture Series, Center for Philosophy of Science, University of Pittsburgh, USA (05/04/2019).

175-177. (February) * “Lectures on philosophy of science”, Escuela de Filosofía, Madrid, Spain (12-19-26/02/2019).

174. (February) * “Understanding as Minimal Representation”, Workshop Scientific Understanding and Representation (SURE), Université Bordeaux Montaigne, Bordeaux, France (05/02/2019).

2018

173. (December) * “Representation and Inference in Science”, École Doctorale de Philosophie de Paris 1 (Panthéon-Sorbonne), Graduate School Seminar, University of Paris (Panthéon Sorbonne), France (14/12/2018).

172. (December) * “Explanatory Chance and the Method of Arbitrary Functions”, Research Seminar, Institute d’Histoire et de Philosophie des Sciences et des Techniques (Institute for the History and Philosophy of the Sciences and Techniques - IHPST), Paris, France (10/12/2018).

171. (December) * “Propensities and Probabilities”, Seminar Series on Causality, Institute d’Histoire et de Philosophie des Sciences et des Techniques (Institute for the History and Philosophy of the Sciences and Techniques - IHPST), Paris, France (03/12/2018).

170. (September) * “Explanatory Chance and the Method of Arbitrary Functions”, workshop on the Method of Arbitrary Functions, Faculty of Philosophy, Complutense University of Madrid (21/09/2018).

168 & 169. (July) * “Two Lectures on Scientific Representation (I) and (II)”, Symposium on Thought Experiments, Vienna Circle Institute, University of Vienna, Austria (09/07/2018).

167. (July) “Evidence for Fictions and Idealizations in Stellar Astrophysics”, Symposium on the Philosophy of Astrophysical Practice, Society for the Philosophy of Science in Practice annual conference, Ghent, Belgium (02/07/2018).

166. (June) “Explanatory Chance”, Conference on Models of Explanation, University of Turin, Italy (12/06/2018).

165. (May) * “Theories, Models and Representations”, Workshop on Representation, Charles University Prague, Czech Republic (28/05/2018).

2017

164. (November) * “Filosofía de la Física”, *Festival Valladolid Piensa* (outreach event), University of Valladolid, Spain (14/11/2017).

163. (October) * “Aesthetic Goals in Model-Building”, *Workshop on the Limits and Aesthetics of Physics*, University of Granada, Spain (5-6/10/2017).

162. (July) “Propensities, Conditionals, and Indexicals”, 89th Joint Session of the Aristotelian Society and Mind Association, Warwick, UK (6-7/07/2017 undelivered).

161. (June) * “Explanatory Chance”, Workshop on Unifying the Debates: Mathematical and Non-Causal Explanation, Institute d’Histoire et de Philosophie des Sciences et des Techniques (Institute for the History and Philosophy of the Sciences and Techniques - IHPST), France (28/06/2017).

160. (June) * “Grounding Chances”, Metaphysics of Science workshop, University of Groningen, The Netherlands (26/06/2017).

159. (February) * “Propensities, Probabilities, and Experimental Statistics”, Research Seminar, Institute d’Histoire et de Philosophie des Sciences et des Techniques (Institute for the History and Philosophy of the Sciences and Techniques - IHPST), Paris, France (21/02/2017).

2016

158. (August) * “Information, Inference, and Misrepresentation”, 1st Workshop on Models and Idealizations in Science, Valparaíso, Chile (29-30/08/2016). Keynote speaker.

157. (June) * “Varieties of Misrepresentation and Homomorphism”, The Semantics of Theories conference, Munich Centre for Mathematical Philosophy (MCMP), Munich, Germany (25/06/2016).

156. (June) * “Chance and Statistical Modelling”, *Chance Encounter* workshop, University of Groningen, Groningen, Netherlands (23/06/2016).

155. (May) * “The Aesthetics of Scientific Methodology”, Data-Rush Symposium, Angewandte Innovation Laboraroty, Franz Josefs Kai 3, Vienna, Austria (17/05/2016).

154. (April) * “Why Chance Matters”, invited talk at the Why Philosophy Matters series, Bloomsbury publishing, Bedford Square, London, UK (12/04/2016). Plenary speaker.

153. (February) “The Contextual Character of Causal Evidence”, “Inferentialism, Contextualism, Relativism: New Directions in Philosophy of Science” international workshop, Complutense University of Madrid, Spain (08/02/2016).

2015

152. (November) * “Interventions and Causality in Quantum Mechanics”, Workshop on Causality and Non-locality in Quantum Mechanics, University of the Basque Country, San Sebastián, Spain (12/11/2015).

151. (October) * “The Chances of Propensities”, Research Seminar, Department of Logic, History and Philosophy of Science, Universidad Nacional Educación a Distancia (UNED), Madrid

(13/10/2015).

150. (September) “Propensities, Chances and Experimental Statistics”, *Symposium on Probabilities, Chances and Statistics*, 5th Conference of the *European Philosophy of Science Association (EPSA15)*, Dusseldorf, Germany (23-26/09/2015).

149. (August) “Varieties of Misrepresentation and Homomorphism” (with Francesca Pero), *15th Congress of Logic, Methodology and Philosophy of Science (CLMPS)*, University of Helsinki, Finland (3-8/08/2015).

148. (July) * “Philosophy of Probability”, 10-lecture course, British Committee, Philosophy Summer School, Xiamen, China (21-31/07/2015).

147. (July) “Propensities, Conditionals, and Indexicals”, 89th Joint Session of the Aristotelian Society and Mind Association, Warwick, UK (10-11/07/2015, undelivered).

146. (July) * “Propensities and Statistical Modeling”, *British Society for the Philosophy of Science Annual Conference*, Manchester, UK (2-3/07/2015). Plenary Speaker.

145. (June) “Resemblance and its Discontents in Art and Science”, *Symposium on Aesthetics in Scientific Practice*, 5th Society for the Philosophy of Science Biennial Conference (SPSP), Aarhus, Denmark (24-26/06/2015).

144. (June) “Propensities, Probabilities, and Statistical Data”, *5th Society for the Philosophy of Science in Practice Biennial Conference (SPSP)*, Aarhus, Denmark (24-26/06/2015).

143. (April) * “On the Interpretations of Quantum Probability”, Oxford University Physics Conference, St. Catherine’s College, Oxford (19-20/04/2015). Keynote Speaker.

142. (April) “The Origin of Quantum Propensities: Henry Margenau’s ‘Latency’ School”, *10th UK Integrated History and Philosophy of Science (iHPS) Conference*, University of Durham (16-17/04/2015)

2014

141. (November) * “Propensities, Chance Distributions, and Experimental Statistics”, Research Seminar, Munich Centre for Mathematical Philosophy, Ludwig-Maximilians University, Munich, Germany (12/11/2014).

140. (October) * “Propensities and Pragmatism”, *HPS Colloquium Series*, Institute for History and Philosophy of Science and Technology (IHPST), University of Toronto, Canada (10/10/2014).

139. (October) * “Quantum Propensities”, *Ontology Congress*, San Sebastián, Spain (1-5/10/2014, undelivered).

138. (September) * “Propensities and Conditionals”, *Causation in Science (CauSci) final workshop*, Norwegian University of Life Sciences, Aas, Norway (16-18/09/2014).

137. (September) “Aesthetic Goals in Model-Building”, Workshop on *The Aesthetic Aims of Science*, London Aesthetics Forum, Institute of Philosophy, London University, United Kingdom (08/09/2014).

136. (September) * “Scientific Representation: Lessons from Aesthetics”, *I London Workshop in Philosophy of Science*, University College London, United Kingdom (02-03/09/2014).
135. (August) * “Anti-Realism”, *New Thinking about Scientific Realism* Conference, University of Pretoria, Cape Town, South Africa (5-9/08/2014, undelivered).
134. (July) * “Quantum Propensities”, *Summer School in Philosophy of Physics: Probabilities in Physics*, Saig, Germany (23/07/2014).
133. (July) * “Propensities and Pragmatism”, *Summer School in Philosophy of Physics: Probabilities in Physics*, Saig, Germany (22/07/2009).
132. (July) “Probabilistic Dispositions, Chance Distributions, and Statistical Data”, *British Society for the Philosophy of Science*, University of Cambridge, United Kingdom (10-11/07/2014).
131. (June) * “Propensities, Chance Distributions, and Experimental Statistics”, workshop *Towards a More Integrative View on Modelling, Experimenting and Simulating*, University of Geneva, Switzerland (27-28/06/2014).
130. (June) “The Modelling Attitude and its Roots in 19th Century Science”, *5th Integrated History and Philosophy of Science* (iHPS) Conference, University of Vienna, Austria (25-28/06/2014).
129. (June) “Varieties of Misrepresentation and Homomorphism” (with Francesca Pero), *Italian Society for Logic and Philosophy of Science* (SILFS), University of Rome III, Italy (18-20/06/2014).
128. (June) * “Probabilistic Dispositions, Chance Distributions and Experimental Statistics”, II Workshop in Philosophy of Science, Bergen, Norway (06/06/2014).
127. (March) * “Probabilistic Dispositions, Chance Distributions and Experimental Statistics”, Research Seminar, Institute d’Histoire et de Philosophie des Sciences et des Techniques (Institute for the History and Philosophy of the Sciences and Techniques - IHPST), Paris, France (17/03/2014).
126. (January) * “Propensities and Pragmatism”, Cambridge Philosophy of Science Group (CamPoS), University of Cambridge, UK (22/01/2014).
125. (January) * “Propensities and Pragmatism”, Bar Hillel Colloquium, Edelstein Centre of History and Philosophy of Science, Hebrew University, Israel (15/01/2014).
124. (January) * “Propensities and Pragmatism”, Cohn Institute for the History and Philosophy of Science, Tel Aviv University, Israel (13/01/2014).

2013

123. (November) * “Deflationary Representation, Inference, and Practice”, IV Madrid Workshop on New Trends in the Philosophy of Science: Inferentialism in Epistemology and Philosophy of Science, UNED, Spain (11-13/11/2013).
122. (October) * “A Critique of Empiricist Propensity Theories”, Institut fur Philosophie, University of Bern, Switzerland (10/10/2013).
121. (September) * “Deflationary Representation and Practice”, Philosophy Department Colloquium, Universidad de las Islas Baleares (UiB), Palma de Mallorca, Spain (17/09/2013).

120. (August) “Metaphors, Similarity and Inference”, European Philosophy of Science Association (EPSA) Conference, Helsinki, Finland (28-31/08/2013).

119. (June) “Deflationary Representation and Practice”, Annual Conference of the British Society for the Philosophy of Science (BSPS), University of Exeter, UK (4-5/07/2013).

118. (June) “Deflationary Representation and Practice”, Symposium on “Scientific Representations across History and Practice”, Society for the Philosophy of Science in Practice (SPSP), IV Biennial Conference, Toronto, Canada (27-30/06/2013).

117. (April) * “Bohmian Dispositions”, Workshop on Space-Time and the Wavefunction, Persp Research Network, Barcelona, Spain (19/04/2013).

2012

116. (December) * “Representation and Inference in Science”, Departmental Seminar, Department of Philosophy, University of Florence, Italy (07/12/2012).

115. (October) * “Propensities and Pragmatism”, Conference on the Metaphysics of Science: Objects, Relations, and Structures, Université de Lausanne, Switzerland (13/10/2012).

114. (September) "The Contextual Character of Evidence for Causal Claims", Conference on Evidence and Causality in the Sciences, University of Kent at Canterbury, UK (07/09/2012).

113. (September) * "Propensities and Conditionals in Quantum Mechanics", Conference on Causality in Physics, Norwegian University of Life Sciences, Aas, Norway (04/09/2012).

112. (July) * "Propensities and Pragmatism", workshop on Dispositions, University of Cologne, Germany (23/07/2012).

111. (July) "A Critique of Empiricist Propensity Theories", British Society for the Philosophy of Science (BSPS) annual conference, University of Stirling, Scotland, UK (5-7/07/2012).

110. (June) * "Representation in Art and Science", Institute of Philosophy lunchtime seminar, School of Advanced Studies, University of London, UK (26/06/2012).

109 (June) * "The Modeling Attitude in 19th Century Physics", Representation in Action: Visual Practices in Art and Science conference, Department of Science and Technology Studies, University College London, UK (19/06/2012).

108. (June) * "A Critique of Empiricist Propensity Theories", Faculty of Philosophy, University of Oxford, UK (14/06/2012).

107. (April), * "Propensities and Pragmatism", Department of Philosophy Seminar, University of Kent at Canterbury, UK (03/04/2012).

106. (March) * "Metaphors, Similarities, and Inferences", EGENIS Seminar, University of Exeter, UK (19/03/2012).

105. (March) * "Metaphors, Similarities, and Inferences", Department of History and Philosophy of

Science Colloquium, Cambridge University, UK (01/03/2012).

2011

104. (December) "Propensities and Pragmatism", Workshop on Probability and Statistics in Physics, Complutense University, Madrid, Spain (17/12/2011).

103. (November) * "Inference and Scientific Representation", Philosophy of Science Colloquium, University of Vienna, Austria (24/11/2011).

102. (November) * "Representation as Inference in Art and Science", Boston Colloquium in Philosophy of Science, Boston University, Boston, US (04/11/2011).

101. (September) * (Keynote) "Causation, Manipulability, and Quantum Mechanics", Causation and Explanation in the Sciences (CaEitS2011) Conference, Ghent University, Belgium (21/09/2011).

100. (April) * "An Inferential Conception of Scientific Representation", Academie Internationale de Philosophie des Sciences (AIPS), Colloque, Louvain-La-Neuve, Belgium (26/04/2011).

99. (April) * "Inference and Scientific Representation", Thursday Tea Talks, Centre for Philosophy of Natural and Social Sciences (CPNSS), London School of Economics, London, UK (20/04/2011).

2010

98. (November) "Fiction, Idealization and Realism", Symposium "Fictions and Scientific Realism", Philosophy of Science Association (PSA2010), Montreal, Canada (05/11/2010).

97. (October) "Pragmatismo y Representación en Ciencia" ("Pragmatism and Representation in Science"), Congreso de Jóvenes Filósofos, Complutense University, Spain (28/10/2010).

96. (October) * "La Ficción en la Ciencia: Una Concepción Inferencial" ("Fiction in Science: An Inferential Conception"), IX Ontology Congress, Barcelona, Spain (04/10/2010).

95. (July) "Margenau's Latency School", III History of Quantum Physics conference, Max Planck Institute, Berlin, Germany (02/07/2010).

94. (June) * "Propensities and Pragmatism", III Graduate Conference in the Philosophy of Probability, London School of Economics, London, UK (25/06/2010).

2009

93. (October) "The Experimental Attitude", 2nd Conference of the European Philosophy of Science Association (EPSA09), Amsterdam, Netherlands (22/10/2009).

92. (October) * "Inferencia y Representación Científica" ("Inference and Scientific Representation"), Jornadas sobre Método y Representación en la Ciencia, Valladolid, Spain (09/10/2009).

91. (April)*, "Fictions, Inference, and Realism", Scientific Realism Revisited conference, London School of Economics, London, UK (28/04/2009).

90. (April), “A History of Quantum Propensities”, 36th Annual Philosophy of Science conference, Dubrovnik, Croatia (14/04/2009).

89. (April)*, “Wide and Narrow Fictionalism in Science”, American Philosophical Association (APA), Symposium on Scientific Fictions, Vancouver, Canada (8-12/04/2009).

88. (January)* “Idealisation, Abstraction and Fiction in Physical Science”, Histoire et Philosophie de la Physique Seminar Series, Laboratoire Rehseis, Université Paris VII, France (21/01/2009).

2008

87. (September) “Phenomena, Data and Representation”, Conference on “Data –Phenomena-Theories: What is the Notion of Scientific Phenomenon Good for?”, Heidelberg University, Germany. (11-13/09/2008).

86. (July) “A History of Quantum Propensities”, History of Quantum Physics II Conference, Department of History and Philosophy of Science, Utrecht University, Netherlands. (14-17/07/2008).

85. (May)* “Scientific Representation: The Case for Inference”, Science and Technology Studies Summer Colloquium Series, University of British Columbia, Vancouver, Canada. (22/05/2008).

84. (May)* “On Representation”, Department of Philosophy, University of Washington Seattle, US. (21/05/2008).

83. (May) “Scientific Representation: Against all Metaphysics”, Pragmatism and Naturalism conference, Centre for Logic and Philosophy of Science, Tilburg, Netherlands. (7-9/05/2008).

2007

82. (December)* “Experimental Realism without the Realism”, Department of Philosophy and History of Science, University of Athens, Greece. (11/12/2007).

81. (November)* “Propensities: A Deflationary View”, Workshop on Singular Causality, Counterfactuals and Mental Causation, University of Granada, Spain. (10/11/2007).

80. (October) “Abstraction, Idealisation, Fiction: Some Epistemological Distinctions”, Idealisations in Science workshop, Tilburg Centre for Logic and Philosophy of Science, Tilburg University, Netherlands. (10/10/2007). (Undelivered).

79. (July)* “Fictions and Inference in Science”, Workshop on Scientific Models: Semantics and Ontology, Logos group, University of Barcelona. (9-10/07/2007).

78. (April) “Fictions and Inference in Science”, IUC International Philosophy of Science Conference, Dubrovnik, Croatia. (13-18/04/2007).

77. (January)* “Scientific Fictions as Heuristic Rules of Inference”, workshop on “Representation, Control, Complexity”, Zentrum für Interdisziplinäre Forschung (ZiF), Universität Bielefeld, Germany. (22/01/2007).

2006

76. (November)* “On the Analogy between Cognitive Representation and Truth”, Department of Philosophy Colloquium, University of Edinburgh, UK. (03/11/2006).
75. (November)* “Scientific Representation: Against Similarity and Isomorphism” Department of Philosophy Colloquium, University of Stirling, UK (02/11/2006).
74. (June) “On the Interpretation of Guernica: Why Isomorphism won’t do for Representation – In Art or Science”, Beyond Mimesis and Nominalism: Representation in Art and in Science conference, London School of Economics, London, UK (22-23/06/2006).
73. (June)* “Causal Inference in Quantum Mechanics: A Reassessment”, Causality and Probability in the Sciences Conference, University of Kent, UK (14-16/06/2006).
72. (March)* “On the Analogy between Cognitive Representation and Truth”, Department of Philosophy Colloquium, University of Washington Seattle, US (28/03/2006).
71. (March)* “Scientific Fictions as Heuristic Rules of Inference”, Symposium on Scientific Images, American Philosophical Association Pacific Division Meeting, Portland, Oregon, US. (22-26/03/2006).
70. (March)* “The Issue of Representation in Scientific Epistemology: A Re-evaluation”, Conference in honour of Philip Kitcher, Ferrol, Spain. (9-10/03/2006).
69. (February) “Scientific Fictions as Heuristics for Scientific Inference”, Scientific Representation: Idealisations, Fictions and Reasons International Conference, Universidad Complutense de Madrid, Spain. (2-4/02/2006).
68. (January)* “Contingent Causal Warrant”, Contingency and Dissent Seminars, London School of Economics, UK. (09/01/2006).

2005

67. (October)* “Representation, Inference and the Dynamics of Model-Building”, Popper Seminar, Department of Philosophy, Logic and Scientific Method, London School of Economics, UK. (11/10/2005).
66. (October)* “Propensiones y el Problema de la Medición en Mecánica Cuántica”, II Workshop en Filosofía Especial de la Ciencia, Barcelona, Spain. (05/10/2005).
65. (September) “Argumentos en Contra de la Teoría de la Representación como Semejanza”, II Congreso Iberoamericano de Filosofía de la Ciencia y la Tecnología, Universidad de La Laguna, Tenerife, Spain. (26-27/09/2005).
64. (August) “Scientific Representation and Minimalism about Truth”, IV European Congress for Analytical Philosophy, Lisbon, Portugal. (28/08/2005).
63. (July)* “Propensities and the Problem of Measurement”, International Conference on Philosophy and History of Physics, Abdera, Greece. (08/07/2005).

62. (May)* “Quantum Propensities and the Problem of Measurement”, Sigma Club, London School of Economics, UK. (23/05/2005).

61. (April) “An Inferential Conception of Scientific Representation”, XV Inter-University Conference on Philosophy and Cognitive Science, Universidad Autónoma de Madrid, Spain. (18-20/04/2005).

60. (January) * “An Inferential Conception of Scientific Representation”, XI Italo-Spanish Meeting in Analytical Philosophy, Bologna, Italy. (24-25/01/2005).

2004

59. (November)* “Causal Processes and Propensities in Quantum Mechanics”, Talk to the Philosophy, Probability and Physics Seminar, University of Konstanz, Germany (26/11/2004).

58. (November) “Causes and Dispositions in Quantum Mechanics”, IV Conference of the Spanish Society for Logic, Methodology and Philosophy of Science, Valladolid, Spain (03-06/11/2004).

57. (June)* “An Inferential Conception of Scientific Representation”, Department of Philosophy Colloquium, University of Illinois at Chicago Circle, USA (24/06/2004).

56. (March)* “Representation and Inference in Science and Art”, Philosophy Department Colloquium, Oberlin College, USA (11/03/2004).

55. (January)* “An Inferential Conception of Scientific Representation”, Philosophy of Physics Research Group, University of Oxford, UK.

2003

54. (December)* “Mediating Models”, Methodology of Economics Research Group, Universidad Autónoma de Madrid, Spain (05/12/2003).

53. (November)* “Causal Models for EPR Correlations”, philosophy of physics research group, Centre for Time, University of Sydney, Australia (12/11/2003).

52. (November)* “Representation and Inference in Science and Art”, Department of Philosophy Colloquium, University of Sydney, Australia (07/11/2003).

51. (October)* “Representation and Inference in Science and Art”, Belgian Society for the Philosophy of Science, Brussels, Belgium (18/10/2003).

50. (September)* “Comments on T. Mormann”, Conference on The Constitution of Objects in Science: Qualities, Properties, Concepts, San Sebastian, Spain (11/09/2003).

49. (August) “Quantum Propensities: The Selections Approach”, XII International Conference LMPS, International Union of History and Philosophy of Science, Oviedo, Spain (7-13/08/2003).

48. (August)* “Causal Processes in Quantum Mechanics”, with a commentary by Martin Jones, in Causation and Explanation: Homage to Wesley Salmon, International Conference, Universidad de Barcelona, Spain (4-5/08/2003).

47. (March)* “An Inferential Conception of Scientific Representation”, LOGOS Group Research Seminar, with a commentary by Roman Frigg, University of Barcelona, Spain (26/03/2003).

46. (March)* “Representation and Inference in Science and Art”, Science Studies Colloquium, University of California San Diego, US. (10/03/2003).

2002

45. (December)* “How Inference to the Most Probable Cause is Sound”, Conference in honour of Nancy Cartwright, Konstanz, Germany (16/12/2002).

44. (November) “An Inferential Conception of Scientific Representation”, Philosophy of Science Association Biennial Conference, Milwaukee, US (7-10/11/2002).

43. (October) “An Inferential Conception of Scientific Representation”, Colloquium in Analytical Philosophy, University of Santiago de Compostela, Spain (24/10/2002).

42. (October) “An Inferential Conception of Scientific Representation”, Italian Society for Analytical Philosophy (SIFA), Bergamo, Italy (03-05/10/2002).

41. (June)* “Can Scientific Representation Be Naturalised?”, International Conference in Logic and Knowledge, Darmstadt, Germany (04-05/08/2002).

40. (May)* “Una Interpretación de la Mecánica Cuántica con Propensiones”, Research Seminar, Dept of Logic and Philosophy of Science, Universidad Complutense de Madrid, Spain.

39. (April) “Una Interpretación de la Mecánica Cuántica con Propensiones”, Conference on Ethics, Science and Metaphysics: Karl Popper’s Centenary, Universidad Complutense de Madrid, Spain (17-21/04/2002).

38. (April) “Can Representation Be Naturalised?”, International Conference in Philosophy of Science, Dubrovnik, Croatia (7-13/04/2002).

37. (March)* “Philosophy of Science in the XXI century: From Kuhn to Hacking”, Fulbright Association, Madrid, Spain (05/03/2002).

36. (February)* “El Problema del Realismo en la Física Actual”, Research Seminar, The Open University (UNED), Madrid, Spain (06/02/2002).

35. (January)* “Scientific Representation”, Postgraduate Seminar in Philosophy of Science, University of California San Diego, US (30/01/2002).

34. (January)* “An Agent-Centered Conception of Scientific Representation”, II Conference on Language, Logic and Logistics, Physical Sciences Laboratories, New Mexico State University, Las Cruces, New Mexico, US (27/01/2002).

33. (January)* “Scientific Representation: A Pragmatist View”, Colloquium in the Philosophy of Science, University of Exeter, UK (21/01/2002).

2001

32. (June) “Selections, Quantum Dispositions and the Problem of Measurement”, Philosophy of Physics Research Seminar, Bristol, UK (11/06/2001).

31. (January)* “On the Notion of Representation in Contemporary Philosophy of Science, and its Implications for Modelling”, I Conference on Language, Logic and Logistics: Modelling and Inter-Disciplinary Discourse, Physical Sciences Laboratories, New Mexico State University, Las Cruces, New Mexico, US (6-8/01/2001).

2000

30. (August)* “Scientific Representation: Some Pragmatist Views, Parts I, II and III”. Delivered at the 3rd Summer School in Theory of Knowledge, Madralin, Poland (1-15/08/2000).

29. (March)* “Kuhn’s Worlds Revisited: Experiment and Representation in Physical Science”, University of Bradford, Interdisciplinary Human Studies Colloquium, UK (01/03/2000).

28. (February)* “Kuhn’s Theory of Scientific Revolutions”, Bath Royal Literary and Scientific Institution, UK.

27. (February)* “Kuhn’s Worlds Revisited: Experiment and Representation in Physical Science”, Leeds University, History and Philosophy of Science Colloquium, UK (02/02/2000).

1999

26. (December)* “Dispositions and the Interpretation of Quantum Mechanics”, Nottingham University, Philosophy Department Colloquium, UK.

25. (July) “Dispositions, Quantum Measurements and Selective Interactions”, British Society for the Philosophy of Science Annual Conference, Nottingham, UK (6-8/07/1999).

24. (May) (with Nancy Cartwright)* “Causal Models for the EPR Correlations”, conference in honour of Arthur Fine, Ohio State University, US.

23. (February)* “Kuhn’s Worlds: Revisiting The Structure of Scientific Revolutions”, Critical Theory Seminar, Bristol University, UK.

1998

22. (December) “Theories, Models and Representations”, International Symposium on Model-Based Reasoning in Scientific Discovery, Pavia, Italy (17-19/12/1998).

21. (September) “Selective Interactions and the Measurement Problem”, 7th UK Conference in Foundations of Physics, Nottingham, UK (07-11/09/1998).

20. (May)* “Phenomenal Conceptions: The Role of Models in the Application of Scientific Theories”, History and Philosophy of Science Colloquium, Northwestern University, US.

19. (April)* “Using Models to Apply Theories: The Case of Superconductivity”, Conceptual Foundations of Science Colloquium, University of Chicago, US.

18. (March)* “Causation and the EPR Correlations”, Philosophy Department Seminar, University of California San Diego, US.

1997

17. (September)* “Filosofía e Historia de las Ciencias Físicas”. (A 10-lecture doctoral course). Departamento de Ciencias Físicas, Universidad de Oviedo, Spain.

1996

16. (December) “Empiricism, Causal Reductionism and Quantum Mechanics”, Department of Logic and Metaphysics Seminar, University of St. Andrews, Scotland.

15. (July) “The Measurement Problem: An Instrumentalist View”, II International Symposium on Foundations of Quantum Physics, Oviedo, Spain (21-26/07/1996).

14. (May)* “Empirical Adequacy: Its Meaning in Theory and in Practice”, International Workshop on Scientific Modelling, Wissenschaftskolleg, Berlin, Germany.

13. (March)* “Building Models: Lessons for the Empiricist”, International Symposium on Modelling in Physics and Economics, Tinbergen Institute, Amsterdam, The Netherlands.

1995

12. (September) “How Theories Save Phenomena: A Case Against Embedding”, British Society for the Philosophy of Science Annual Conference, Leeds University, UK (01-03/09/1995).

11. (August) “On the Physical Impossibility of Ideal Quantum Measurements”, 10th International Congress of Logic, Methodology and Philosophy of Science, Florence, Italy (19-25/08/1995).

10. (May) “How Theories Save Phenomena: A Case Against Embedding”, Einstein Meets Magritte: An International Conference on Science and Art, Brussels, Belgium (29/05-03/06/1995).

1994

9. (December) “Causal Accounts of the EPR Correlations: Not such a Bad Idea After All”, Philosophy, Logic and Scientific Method Colloquium, London School of Economics, UK.

8. (November)* “How Do We Relate Phenomena to Theory: The Case of Superconductivity”, Dipartimento di Scienze dell’Informazione, Università degli Studi di Milano, Italy.

7. (November)* “A Causal Model for the EPR Correlations”, Dipartimento di Scienze dell’Informazione, Università degli Studi di Milano, Italy.

6. (November)* “Un Modello Causale delle Correlazioni di EPR”, Dipartimento di Filosofia, Firenze, Italy.

5. (September) “Some Probabilistic Features of a Direct-Cause Model for EPR”, 3rd UK Conference in Foundations of Physics, Cambridge, UK (13-16/09/1994).

4. (August)* (with Nancy Cartwright and Towfic Shomar) “The Tool-Box of Science”, International Union of the History and Philosophy of Science Conference, Warsaw, Poland (27-29/08/1994).

1993

3. (December) “Causas Comunes y Causas Directas en el Experimento de EPR”, Congreso de la Sociedad Española de Lógica, Metodología y Filosofía de la Ciencia, Madrid, Spain.

2. (September) “Non-Ideal Measurements in Van Fraassen’s Modal Interpretation”, British Society for the Philosophy of Science Annual Conference, St. Andrews, Scotland, UK (17-20/09/1993).

1992

1. (September) (with Nancy Cartwright) “Causal Inferences in Quantum Theory”, International Quantum Structures Association, Castiglioncello, Italy (21-26/09/1992).

8.4. Other Invited Conference and Workshop Participation

2018

(November) Chair of Session: Nancy Cartwright’s Llull Lectures, Spanish Society for Logic and Philosophy of Science, UNED, Madrid, Spain (14/11/2018).

2014

(June) Chair of Session and Speaker at the Conference in Honour of Nancy Cartwright, Durham University, UK (20-21/06/2014).

2013

(June) Chair of Session “De-idealization in the Sciences”, Society for the Philosophy of Science in Practice (SPSP), IV Biennial Conference, Toronto, Canada (27-30/06/13).

2012

(May) Chair of Session, III King’s College / University of North Carolina at Chapel Hill conference on Epistemology, King’s College London, UK (25/05/2012).

2009

(November) Round Table on Contemporary Tendencies in Philosophy of Science, VI Conference of the Spanish Society for Logic, Methodology and Philosophy of Science, Valencia, Spain (20/11/2009).

(October) Chair of Session, 2nd Conference of the European Philosophy of Science Association (EPSA), Free University, Amsterdam, Holland (23/10/2009)

2008

(October) Chair of Session, IV Workshop on Causal and Classical Concepts in Science, University of Granada (10/10/2008).

(June) Chair of Session, Graduate Conference in Philosophy of Probability, London School of

Economics (27/06/2007).

(April) Chair of Sessions at the Theoretical Frameworks and Empirical Underdetermination workshop, Düsseldorf University (10-12/04/2008).

2007

(November) Chair of Session, 1st Conference of the European Philosophy of Science Association (EPSA), Complutense University of Madrid (15-17/11/2007)

(September) “Comments on Anne Meylan”, IV Latin Meeting in Analytical Philosophy, Genova, Italy (21/09/2007).

(September) Chair of Sessions at the III Workshop in Causal and Classical Concepts in Science, Barcelona, Spain (12-13/09/2007).

2006

(December) “Comments on Paul Faulkner”, International Workshop Just Knowledge: Trust and Justice in Contemporary Epistemology, Madrid (12/12/2006).

(December) “Comments on Jonathan Knowles”, Symposium on Communitarian Epistemology, V Conference of the Spanish Society for Logic, Methodology and Philosophy of Science, Granada (01/12/2006).

(November) “Comments on Carl Hoefer”, I Meeting on Philosophy, Probability and Scientific Method, University of Valencia (17/11/2006).

(September) “Comments on Alban Bouvier”, Philosophy of Social Sciences Seminar, Universidad Nacional de Educación a Distancia (UNED), Madrid (21/09/2006).

(June) London School of Economics, Contingency and Dissent in Science project conference. Chair of Session: “Evidence and Policy Evaluation - Some Lessons from Econometrics” by Damien Fennel (20/06/2006).

2005

(May) “Comments on Jean-Louis Hudry”, Graduate Conference in the Philosophy of Natural and Social Sciences, London School of Economics (27/05/2005).

2004

(June) London School of Economics, International Conference: Causality: Metaphysics and Methods. Chair of Session: “Mechanisms and Causes”.

(March) University of South Carolina, Imaging and Imagining in Nanotechnology conference: Chair of Session: “Epistemological and Normative Aspects of Representation at the Nanoscale”

2000

(November) Philosophy of Science Association Biennial Conference, Vancouver, Canada: Chair of Session: “Causation in Quantum Mechanics”.

(July) British Society for the Philosophy of Science Annual Conference, Sheffield, UK. Chair of Session: “Models and Structural Realism”.

1995

(September) Course on Philosophy of Cosmology by John Earman, Adolf Grünbaum y Jesús Mosterín. Universidad de Verano Menéndez-Pelayo, Santander, Spain.

1993

(May) European Union Erasmus Link Workshop on “Realism in Science”, Thessaloniki, Greece.

(July) IV International Symposium on Foundations of Physics, Köln, Germany.

1992

(May) European Union Erasmus Link Workshop on “Probability and Causality”, Aarhus, Denmark.

1990

(November) International Conference in Honour of Hilary Putnam, St. Andrews, Scotland, UK.

9) TEACHING, SUPERVISION, AND MENTORSHIP EXPERIENCE

9.1. Undergraduate Teaching

Complutense University of Madrid (2002 –)

Philosophy of Probability (final year Philosophy Faculty u/g course in English), since 2015.

Philosophy of Science (final year Philosophy Faculty u/g course); Philosophy of Natural Science (University Open Access course); Philosophy of Physics (Faculties of Physics, Mathematics and Philosophy shared course). Since 2002: All these courses in Spanish.

Bristol University (1998/2001)

Metaphysics of Science (3rd year); Philosophical Issues of the Physical Sciences (3rd year); Philosophical Foundations of Physics (3rd year, Physics Faculty students only); Philosophy of Science (2nd year); Philosophy of the Social Sciences (2nd year); Introduction to Epistemology (1st year).

Northwestern University (1997/98)

Introduction to Epistemology (1st year).

St Andrews University (1996/97)

Epistemology (1st year); Metaphysics (1st year); Social Context of Science (1st year); Philosophy of Science (2nd year); History of Modern Philosophy (2nd year); Wittgenstein and Logical Positivism (Honours)

Oxford University (1995/96)

Philosophy of Relativity Theory; Philosophy of Quantum Mechanics; Tuition in Philosophy of Physics for Pembroke, St Hilda, St Hughs, Exeter Colleges.

London University (1992/95)

Tutor in Philosophy, Logic and Scientific Method

9.2. Postgraduate Teaching

Complutense University of Madrid (2002 –)

PhD courses (in English) on “Entity Realism” (2002/3), “Theories of Scientific Representation” (2003/4 and 2004/5), “Causality” (with Julian Reiss, 2005/6 and 2006/7), “Scientific Methodology” (2007/8), “Philosophy of Physics” (2008-9), “Causation” (2015-6; 2017-8)

University of Seville (2003/4)

PhD course on “Entity Realism”.

Bristol University (1998/2001)

MA General Philosophy Seminar; MA Philosophical Writing and Research Seminar; Philosophy of Physics MA Seminar.

Northwestern University (1997/98)

2 talks in Arthur Fine’s research seminar on realism.

University of Oviedo (1997)

PhD course on “History and Philosophy of Physics”.

St Andrews University (1996/97)

Research Seminar on Verificationism (with Crispin Wright and Helen Billinge).

London University (1994/95)

Philosophy of Quantum Mechanics (small lecture course for the joint LSE & KCL MA)

9.3. Doctoral and Post-Doctoral Mentorship and Management

Complutense University of Madrid (2002-)

- Laura Nuño de la Rosa (UCM postdoctoral & Juan de la Cierva scholarships), 2018—
- Vanessa Triviño (visiting graduate from University of Murcia), 2017
- Brandon Boesch (visiting graduate from University of South Carolina), 2016
- Francesca Pero (visiting graduate from University of Florence), 2013-2014
- Iñaki San Pedro (UCM Juan de la Cierva postdoctoral Fellowship), 2010-2012
- Julian Reiss (UCM, Ramón y Cajal postdoctoral fellowship), 2005-2007
- 4 FPI and 1 FPU scholarship contracts at UCM (see PhD supervision below).

University of London (2013-2015)

- Petri Turunen (visiting graduate from University of Helsinki), 2014

9.4. PhD Supervision

Complutense University of Madrid (2002-)

- Dancizo Toro Rivadeneira, “Biological Time and Evolution” (since February 2018)
- Juan Campos Quemada, “El Darwinismo Cuántico: El Concepto de la Información y la Metafísica Darwinista” (“Quantum Darwinism: The Concept of Information and Darwinian Metaphysics”). (Since October 2015)
- Cristina Villegas, “Causal Dispositions and Propensities in Science” (since October 2015)
- Fernanda Samaniego, “Explanatory Depth and Statistical Mechanical Interventionism” (2008-2011). European Doctorate, cum laude 19/12/2011
- Isabel Guerra, “Quantum Conditional Probability: Implications for Conceptual Change in Science” (2005-2009). European Doctorate, cum laude 16/11/2009

- Albert Solé, “Realismo e Interpretación en mecánica bohiana” (“Realism and Interpretation in Bohmian mechanics”). (2004-2009). Cum laude 27/10/2009
- Iñaki San Pedro, “Reichenbach’s Common Cause Principle and Quantum Correlations” (2003-2007). European Doctorate, cum laude 28/02/2008.

Bristol University (1998/2002)

- Antti Karjalainen, “Topics in Epistemological Contextualism” (PhD awarded 2004)
- Martin Poulter, “Value and Belief” (PhD awarded 2002)

St Andrews University (1996/97)

- Andrew Aberdein, “Logic Reviewed” (PhD awarded 2000)

10) ADMINISTRATION AND MANAGEMENT

10.1. Administrative positions

Complutense University (2002-16)

Research Committee; Quality Control Committee; PhD Extraordinary Prize Committee; Erasmus Exchange Committee; Coordinator of the Erasmus Exchanges with Florence and Paris.

Bristol University (1998/2001)

Graduate Admissions Officer; Library representative; Faculty of Social Sciences Board; Director of the Physics and Philosophy, Economics and Philosophy and Sociology and Philosophy BA joint degrees; Director of the MA in Philosophy and History of Science.

St Andrews University (1996/97)

Examinations Officer; Open and Preview Days Officer.

10.2. Research-related administration

Complutense University of Madrid (2002-2013 and 2015 - onwards)

Director (Principal Investigator), Complutense Research Group “Methods of Scientific Representation (MSR)” (<http://www.ucm.es/info/metcausa/index.html>), since 2004.

Institute of Philosophy, School of Advanced Study, London University (2013-2015)

Convener of the Probabilities, Propensities and Conditionals (ProbPropCond) Seminar
Co-convener of the Reading Group on “Chance and Conditionals”
(<http://probpropcond.blogs.sas.ac.uk>)

Bristol University (1998/2001)

Founder of the Philosophy of Physics Research Seminar.
Organizer of the Oxford-Bristol-LSE (OXBRISE) seminar in Philosophy of Physics.
Co-Founder of the MA in Philosophy and History of Science.

Northwestern University (1997/98)

Co-organizer (with Francesca Bordogna) of the weekly Colloquium in History and Philosophy of Science

St Andrews University (1996/97)

Co-organizer (with Helen Billinge and Crispin Wright) of a weekly Research Seminar on

“Verificationism”.

London School of Economics (1992/95)

Lead researcher in the project “Models in Physics and Economics”, Centre for the Philosophy of the Natural and Social Sciences.

10.3. Conference Organization and Scientific Committees

2020

(July) Scientific Committee, 20th UK and European Foundations of Physics Conference, Paris, 08-10/07/20): <https://foundations2020.sciencesconf.org>

2019

(Sep) Scientific Committee, EPSA 2019 Biennial Conference, Geneva, Switzerland (11-14/09/19): <http://philsci.eu/epsa19>

(June) Organizer, *Evidence in Astrophysics*, International Workshop, Faculty of Philosophy, Complutense University of Madrid (21/06/2019): <https://www.ucm.es/metcausa/events>

2018

(Sep) Organizer, *The Method of Arbitrary Functions*, International Workshop, Faculty of Philosophy, Complutense University of Madrid (21/09/2018): <https://www.ucm.es/metcausa/events>

(July) Scientific Committee, 19th UK and European Conference in Foundations of Physics, University of Utrecht, The Netherlands (10-13/07/2018): <https://foundations2018.sites.uu.nl/>

(March) Scientific Committee, VIII Models and Simulations (MS8) Conference, University of South Carolina, Columbia SC, USA (15-17/03/2018): <http://www.meetabout.org/ms8/>

2017

(July) Scientific Committee, *British Society for the Philosophy of Science* (BSPS) annual conference, University of Edinburgh, UK (13-14/07/2017): <http://www.thebsps.org/2016/09/bsps-2017-annual-conference-edinburgh/>

2016

(Sep) Organizer, *The Metaphysics of Causal Probability in the Life Sciences*, International workshop, Faculty of Philosophy, Complutense University of Madrid (26/09/2016): <https://www.ucm.es/metcausa/events>

(June) Scientific Committee, *Chance Encounter*, University of Groningen, Netherlands (23-24/06/2016): <http://www.philos.rug.nl/chance/>

(June) Scientific Committee, *The Semantics of Theories* Conference, Munich Centre for Mathematical Philosophy, LMU Munich, Germany (23-25/06/2016): <http://www.semanticsoftheories2016.philosophie.uni-muenchen.de/index.html>

(May) Scientific Committee, *VII Modeling and Simulation* (MS7) Conference, University of

Barcelona, Spain (18-20/05/2016): <http://www.ub.edu/ms7/>

(Feb) Organizer, *Inferentialism, Contextualism, Relativism: New Directions in the Philosophy of Science*, Faculty of Philosophy, Complutense University of Madrid, Spain (08/02/2016).

2015

(June) Organizer, *Propensities, Chances, and Statistics* workshop, Institute of Philosophy, School of Advanced Study, London University (12/06/2015): <https://probpropcond.blogs.sas.ac.uk/workshops/>

(Jan) Scientific Committee, XVII Taller de Investigación en Filosofía (17th Philosophy Research Workshop), Autonomous University of Barcelona, Spain (22-23/01/2015).

2014

(Oct) Co-organizer, *The Aesthetic Aims of Science*, Workshop at the Institute of Philosophy, School of Advanced Study, London University (08/09/2014).

(June) Organizer, *Chance and Conditionals* workshop, Institute of Philosophy, School of Advanced Study, London University (18/19/06/2014): <https://probpropcond.blogs.sas.ac.uk/workshops/>

(Jan) Scientific Committee, XVI Taller de Investigación en Filosofía (16th Philosophy Research Workshop), University of Barcelona Spain (16-17/01/2014).

2013

(Nov), Co-organizer, Scientific Committee, IV Madrid Workshop on New Trends in the Philosophy of Science: Inferentialism in Epistemology and Philosophy of Science, UNED, Spain (11-13/11/2013).

(Aug) Scientific Committee, 4th Conference of the European Philosophy of Science Association (EPSA), Helsinki, Finland (28-31/08/2013).

(July) Scientific Committee, 17h UK and European Meeting on the Foundations of Physics, Munich Centre for Mathematical Philosophy, Munich, Germany (29-31/07/2013).

(Jan) Scientific Committee, XV Taller de Investigación en Filosofía (15th Philosophy Research Workshop), University of Valencia, Spain (11-13/01/2013).

2012

(April) Scientific Committee, “The Progress of Science”, Sydney-Tilburg Conference Series, Tilburg University, The Netherlands (25-27 April 2012)

(Jan) Scientific Committee, XIV Taller de Investigación en Filosofía (14th Philosophy Research Workshop), Autonomous University Barcelona, Spain (12-13/01/2012).

2011

(Dec) Co-organizer (with Iñaki San Pedro) of the International Workshop “Probability and Statistics in Physics”, Faculty of Philosophy, Complutense University of Madrid (17/12/11).

(March) Co-organizer (with Inaki San Pedro) of the International Workshop “Causality, Inference and Science”, Faculty of Philosophy, Complutense University of Madrid, 4-5/03/11.

(Jan) Scientific Committee, XIII Taller de Investigación en Filosofía (13th Philosophy Research Workshop) Barcelona, 12-14/01/10.

2010

(Oct) Scientific Committee, III Congreso Internacional de Jóvenes Investigadores en Filosofía (3rd Conference for Young Researchers in Philosophy), Faculty of Philosophy, Complutense University of Madrid, Spain (26-30/10/10).

(Sep) Scientific Committee, I Graduate Conference of the SLMFCE (Spanish Association for Logic, Methodology and Philosophy of Science), Granada, 29-30/09/10.

2009

(March) Co-organizer (with Fernanda Samaniego) of the International Workshop “Causation in Physics: Philosophers and Physicists Share their Views”, Faculty of Philosophy, Complutense University, Madrid, Spain. (09/03/09).

2008

(May) Program Committee, “Pragmatism and Naturalism” Conference, Centre for Logic and Philosophy of Science, Tilburg University, Netherlands. (7-9/05/08).

2007

(May) Organizer, The Dynamics of Reason Reconsidered: A Workshop in Honour of Michael Friedman, Faculty of Philosophy, Complutense University of Madrid. (19/11/2007)

(Nov) Chair of the Local Organizing Committee: 1st (Founding) Conference of the European Philosophy of Science Association (EPSA07), Faculty of Philosophy, Complutense University of Madrid. (15-17/11/07).

2006

(Dec) Co-organizer (with Fernando Broncano and Jesús Vega) of the International Workshop Just Knowledge; Trust and Justice in Contemporary Epistemology, Residencia de Estudiantes, CSIC, Madrid, (11-12/12/06).

(Oct) Organizer of the II International Causal and Classical Concepts in Science workshop, Complutense University of Madrid. (6-7/10/06).

(Feb) Organizer of the International Workshop (Seminario Internacional Complutense) Scientific Representation: Idealisations, Fictions, Reasons. Complutense University of Madrid. (2-4/02/06).

2005

(Oct) Co-organizer (with Antonio Blanco) of Tarski’s Truth: A Workshop on Tarski’s Semantic Conception of Truth, Universidad Complutense de Madrid, Spain. (6/10/05).

(Oct) Co-organizer (with José A. Díez and Manuel García-Carpintero) of the II Workshop in Special Philosophy of Science, Barcelona. (4-5/10/05).

(Sep) Co-organizer (with José A. Díez) of the symposium Modelos y Representación en la Ciencia, (Models and Representation in Science), II Iberian-American Conference in Philosophy of Science and Technology, Tenerife, Spain. (27/09/05).

(Sep) Selection Committee of the II Iberian-American Conference in Philosophy of Science and

Technology, Tenerife, Spain. (25-29/09/05).

2004

(Nov) Organizer, and speaker at, the Symposium Causal Inference and Probability in the Physical Sciences, for the IV Conference of the Spanish Society for Logic, Methodology and Philosophy of Science (SLMFCE), Valladolid. (2-4/11/04).

2003

(Dec) Organizer of the Workshop Dispositions and Propensities in Science, Instituto de Filosofía, Consejo Superior de Investigaciones Científicas, Madrid, Spain.

(Aug) Selection Committee of the XII Logic, Methodology and Philosophy of Science Conference, Oviedo, Spain.

2002

(Nov) Organizer of, and speaker at, the Symposium on The Pragmatics of Scientific Representation, Philosophy of Science Association, Milwaukee, US.

2000

(Nov) Scientific Committee, International Conference on 100 Years of Quantum Theory, Complutense University of Madrid, Spain.

(Sep) Scientific Committee, International Conference on Peter Winch and the Idea of a Social Science, Bristol.

1996

(Aug) Co-organizer (with Harvey Brown) of the 5th UK Conference in the Foundations of Physics, Sub-Faculty of Philosophy, Oxford University.

(May) Organizer of the One-Day BPS Conference on Relativity and Theory Choice, Sub-Faculty of Philosophy, Oxford University.

11) PROFESSIONAL SERVICE

11.1. Societies' Committees

Corresponding Member of the International Academy for the Philosophy of the Sciences (Membre Correspondant of L'Académie Internationale de Philosophie des Sciences – AIPS), Brussels, since 18 September 2008.

Vice-President of the European Philosophy of Science Association (EPSA) since 24 October 2009 to 6 October 2011. Member of the founding Steering Committee, Vienna, Austria, 8 December 2006. Member of the first elected Steering Committee (2007-9).

Member of the Committee of the Spanish Society for Logic, Methodology and Philosophy of Science (SLMFCE), 30 November 2006 - July 2012.

11.2. Refereeing

Regular referee (several papers yearly)

British Journal for the Philosophy of Science (1994-2013)
 Erkenntnis (since 2014)
 European Journal for the Philosophy of Science (since 2009)
 Journal of the American Philosophical Association (since 2014)
 Philosophy of Science (since 2002)
 Studies in History and Philosophy of Modern Physics (2008-2014)
 Synthese (since 2007)
 Theoria (Spain, since 2003)

Other Journals Refereeing

American Philosophical Quarterly (2003)
 Australasian Journal of Philosophy (2015)
 Dialectica (2011)
 Disputatio (2014)
 Ergo (2016)
 Foundations of Physics (2007, 2009)
 Foundations of Physics Letters (2004)
 Foundations of Science (2000)
 History of the Human Sciences (1999, 2000)
 International Studies in the Philosophy of Science (2002, 2006)
 Journal for General Philosophy of Science (2010, 2013, 2018, 2019)
 Journal of Philosophical Logic (2004)
 Philosophy Compass (2017)
 Philosophical Quarterly (1999, 2003)
 Science and Education (2011)
 Studies in History and Philosophy of Biological and Biomedical Sciences (2012)
 Studies in History and Philosophy of Modern Physics (1999, 2003, 2004)
 Studies in History and Philosophy of Science (2018)

Theoria (Sweden, 2011)

Book manuscript refereeing

Blackwells Publishers (1999, 2000, 2005)

Cambridge University Press (1998, 2000)

MIT Press (2016)

Oxford University Press (2009, 2013, 2014, 2015, 2016, 2018)

Routledge (2013)

University of Chicago Press (2005, 2012, 2013)

Edited Volumes and Special Issues

Boumans, M. and S. Leonelli (Eds.), special issue on “The Philosophy of Science in Practice”, *Journal for General Philosophy of Science*, 44 (2), 2013.

Gelfert, A., G. Gramelsberger and T. Knuuttila (Eds.), special issue on “Philosophical Perspectives on Synthetic Biology”, *Studies in History and Philosophy of Biology and Biomedical Sciences*, 44 (2), June 2013.

Hartmann, S. et al. (Eds.), *The Philosophy of Nancy Cartwright* (Routledge, 2008).

Hartmann, S. (Ed.), special issue on “Causality, Ignorance, and Uncertainty”, *Minds and Machines*, 2007.

Maki, U. et al. (Eds.), *Recent Developments in the Philosophy of Science: EPSA13*, European Studies in Philosophy of Science, Springer.

Maki, U., Grüne-Yanof, T. and Aydinonat, N. E. Special Issue on “Unrealistic Models”, *Synthese*, 2019.

McKay Illari, Russo and Williamson (Eds.), *Causality in the Sciences* (OUP, 2010).

Pincock, C. and M. Vorms (Eds.), Special issue on “Models and Simulations IV”, *Synthese*, 190, 2013.

Williamson, J. and F. Russo (eds.) *Causality and Probability in the Sciences* (London College, 2007).

11.3. Editorial Boards

Enrahonar, Spain (since 2008).

European Journal for Philosophy of Science, Springer (since 2009).

Journal for General Philosophy of Science, Springer (since 2007).

Sapere (Studies in Applied Philosophy, Epistemology and Rational Ethics), Springer, Advisory Committee since 2012.

Teorema, Spain (Editor in philosophy of science / physics, since 2010).

Theoria, Spain (Editor in philosophy of science / physics, 2003-9).

11.4. Evaluations for Institutions

- Jury, Frontiers of Knowledge BBVA Foundation Awards, Humanities and Social Sciences Section, 2019: <https://www.frontiersofknowledgeawards-fbbva.es/jurado/mauricio-suarez-2/>.
- Evaluator for Helsinki Collegium, 2018-19.
- Evaluator for National Science Centre, Poland, 2018.
- Evaluator for Agencia Valenciana de Evaluación y Prospectiva (AVAP), Valencia, Spain, 2017, 2018.
- Expert Evaluator for the European Research Council (ERC), 2017-.

- Expert Committee, Centres of Excellence, Academy of Finland, Helsinki, April 2017.
- Evaluator of Promotion and Tenure in Philosophy, ICREA (Institució Catalana de Recerca i Estudis Avançats – the Catalan Institute for Advanced Study and Research), since 2011.
- Evaluator for the National Science Foundation (NSF), US, 2008, 2014, 2018.
- Evaluator for the Social Science and Humanities Research Council of Canada, 2006-7.
- Chief Evaluator, Spanish Ministry of Education and Science (Science and Technology) Research Projects in the Philosophy of Science area, 2002-3, 2003-4, and 2005-6.
- Evaluator of ANEP (ANECA), Spanish Agency for Quality Evaluation, 2002-3, 2003-4, 2005-6, 2015-16, 2017-18 and 2018-19.
- Evaluator for ANECA, Spanish National Agency for the Evaluation of Promotions (Comisión de acreditación de profesores titulares), 2008 – present.
- Evaluator of Exeter University’s MA course in Philosophy and Sociology of Science; January 2003.

11.5. PhD Thesis Examination

Julia Sánchez-Dorado, “Scientific Representation in Practice: Models and Creative Similarity”, University College London (UCL), 13 July 2018 (external examiner).

Brandon Boesch: “Scientific Representation and Human Action”, University of South Carolina, USA, 25 January 2018 (Committee).

Max Bialek: “Relative and Objective, On Balance: Detailing the Best System Analysis of Laws”, University of Groningen, The Netherlands, 26 June 2017 (Committee).

Marco Antonio Joven Romero: “The Aims of Believers”, Universidad Nacional de Educación a Distancia (The Open University: UNED), Madrid, 5 May 2017 (Committee).

Totte Harinen: “Causal and Constitutive Explanation in the Special Sciences”, Department of Philosophy, King’s College London, UK, 11 September 2015 (External Examiner).

Francesca Pero: “Whither Structuralism for Scientific Representation”, Department of Philosophy, University of Florence, Italy, 23 March 2015 (Committee).

Agnes Bolinska: “Epistemic Representation in Science and Beyond”, Institute for the History and Philosophy of Science and Technology (IHPST), University of Toronto, Canada, 10 October 2014. (External Appraiser / Committee).

Julie Jebeile: “Explication et Compréhension dans les Sciences Empiriques”, Université de Paris I, Panthéon-Sorbonne, Paris, France, 11 December 2013. (Reporter).

Matthias Egg: “Causal Explanation and Scientific Realism in Particle Physics”, Department of Philosophy, University of Lausanne, Switzerland, 12 October 2012. (Committee).

Eduardo Martín Ruiz: “La Observación en la Palabra: La Función de los Experimentos Imaginarios en el Desarrollo de la Física Cuántica 1927-1936” (“The Function of Thought Experiments in the Development of Quantum Physics, 1927-1936”), Department of Philosophy, Autonomous University of Barcelona, Barcelona, Spain, 20 September 2012 (Committee).

Christian de Ronde: “The Contextual and Modal Character of Quantum Mechanics”, University of

Utrecht, The Netherlands, 24 June 2011 (External Appraiser).

Luis Carlos Medina Ruiz: “Supertareas Newtonianas” (“Newtonian Supertasks”), Department of Logic and Philosophy of Science, University of the Basque Country, San Sebastián, Spain, 3 November 2009. (Committee).

Adán Sus: “General Relativity and the Physical Content of General Covariance”, Department of Philosophy, Autonomous University of Barcelona, Spain, 24 October 2008. (President of the Committee).

Matteo Morganti: “Identity, Individuality, and the Ontological Interpretation of Quantum Mechanics”, Department of Philosophy, Logic and Scientific Method, London School of Economics, UK, 28 November 2007. (External Examiner).

Favio Cala Vitery: “De la Relatividad de la Inercia a la Geometrodinámica Intrínseca: Una Interpretación Relacional del Espacio-Tiempo”, (“From the Relativity of Inertia to Intrinsic Geometrodynamics: A Relational Interpretation of Space-Time”), Department of Philosophy, Autonomous University of Barcelona, Spain, July 2006. (President of the Committee).

Tarja Knuuttila: “Models as Epistemic Artefacts: Toward a Non-Representationalist Account of Scientific Representation”, University of Helsinki, Finland, July 2005. (External examiner).

Juan Bautista Bengoetxea: “Conceptualización Pragmático-Representacional de las Teorías Científicas. Un Enfoque Deflacionario”, Department of Logic and Philosophy of Science, University of the Basque Country, San Sebastián, Spain, September, 2003. (Committee).

Mercedes Iglesias, “Intervención y Efectos en Ian Hacking” (“Intervention and Effects in Ian Hacking”), Complutense University of Madrid, Spain, September, 2003. (Committee).

German Guerrero Pino: “Enfoque Semántico de las Teorías. Estructuralismo y Espacio de Estados: Coincidencias y Divergencias” (“Semantic View of Theories: Structuralism and State Space”), Complutense University of Madrid, Spain, July 2003. (Committee).

Philip de Barry: “Thomas Reid’s Reliabilist Response to Scepticism”, University of Bristol, UK, 2000. (Internal Examiner).

11.6. Appointment and Promotion Committees

University of Murcia, Spain (Chair, 2017).

State University of San Francisco, California (Tenure case, 2011, 2012).

University of Valladolid, Spain (Assistant Professor, 2011; Associate Professor, 2018; Assistant Professor, 2019)

Catholic University of Leuven, Belgium (Research Professor, November 2008)

University of Granada, Spain (Associate Professor, February 2008)

Complutense University (Assistant Professor, 2007, 2008, 2010, 2019)

University of Barcelona, Spain (Associate Professor x 2, 2003)

University of Bristol, UK (Lecturer, 2000)

11.7. Association Membership

American Philosophical Association (APA), since 1996.

Aristotelian Society, since 1995.

Association for the Foundations of Science (AFOS), since 1992.

British Society for the Philosophy of Science (BSPS), since 1993.

European Philosophy of Science Association (EPSA), since 2007.

Italian Society for Analytical Philosophy (SIFA), since 2002.

Philosophy of Science Association (PSA), since 1993.

Spanish Society for Logic, Methodology and Philosophy of Science, (SLMFCE), since 1994.

12) **LANGUAGES AND OTHER SKILLS**

Languages

Fluent English, Italian and Spanish. Basic French.

Broadcasting

Interviews with BBC Scotland, Sydney broadcasters, Spanish media. Worked as a film critic and journalist in Spain prior to philosophical career (1985-1991).