

Curriculum Vitae

Matteo Morganti

10/12/2023

Full Professor of Logic and Philosophy of Science
Department of Philosophy, Communication and Performing Arts - University of Rome 'TRE'
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Areas of Specialization: Philosophy of Science; Metaphysics; Philosophy of Physics.

Areas of Competence: History of Modern Philosophy; Logic.

Academic Positions

2023: Full professor at the University of Rome 'RomaTre', Department of Philosophy, Communication and Performing Arts (scientific area M-FIL/02, Logic and Philosophy of Science) – started 2/11/23.

2017: 'Abilitazione per la prima fascia' - considered fully qualified to become full professor based on a nation-wide selection (scientific area M-FIL/02, Logic and Philosophy of Science).

2015-: Associate professor at the University of Rome 'RomaTre', Department of Philosophy, Communication and Performing Arts (scientific area M-FIL/02, Logic and Philosophy of Science).

2013: 'Abilitazione per la seconda fascia' - considered fully qualified to become associate professor based on a nation-wide selection (scientific area M-FIL/02, Logic and Philosophy of Science).

2010-2015: Research Fellow and Lecturer at the University of Rome 'Roma Tre', Department of Philosophy/ Philosophy, Communication and Performing Arts.

2008-2010: Research Fellow at the University of Konstanz, Zukunftskolleg and Department of Philosophy.

2007-2008: Postdoctoral Research Fellow at the IHPST, Institut d'Histoire et de Philosophie des Sciences et des Techniques, Paris – National research project 'FoundPhys'.

Education

2002-2007: London School of Economics - PhD Studies in Philosophy.

PhD Thesis: *Identity, Individuality and the Ontological Interpretation of Quantum Mechanics*.

Supervisors: John Worrall, Roman Frigg and Michael Redhead.

Examiners: Steven French and Mauricio Suarez.

2001-2002: London School of Economics - MSc in History & Philosophy of Science (Awarded with Distinction).

1994-2000: University of Rome "La Sapienza" – BA+MA ('Diploma di Laurea') in Philosophy (Awarded with the grade of 110/110 'cum laude').

Research Projects, Fellowships, Scholarships, Prizes and Grants

2023: Member of the Phi-ASM FCT' project on the philosophy of mathematics and the issue of applicability, led by Daniele Molinini.

2020: Three-year funding by the Italian Ministry of University and Research for a PRIN 2017 national project, directed locally by Prof. Mauro Dorato and nationally by Prof. Francesco Orilia; member of the Roma TRE local research.

2017: Research grant from the Italian Ministry of University and Research, awarded based on a selective evaluation of research outputs (Eur. 3000).

2017: Metaphysics of Entanglement Essay Prize, awarded by the University of Oxford for the paper *Ontic Structural Realism as Metaphysical Coherentism* (ca. Eur 300).

2016: 50% co-funding for a postdoctoral position within the FIRB project on 'Structures and Dynamics of Knowledge and Cognition', University of Rome TRE.

2013: three-year funding by the Italian Ministry of University and Research for a PRIN 2012 national project, directed locally by Prof. Mauro Dorato and nationally by Prof. Lorenzo Magnani; member of the Roma TRE local research unit.

2012: Three-year funding by the Italian Ministry of University and Research for a project on 'Structures and Dynamics of Knowledge and Cognition'; head of the local research unit in Rome, within a project directed at the national level by V. Crupi (University of Turin). Funding granted: Eur. 715000 overall (around 109000 locally), for the period 2013-2015 (extended to February 2017).

2010: Individual Research Grant from the Deutsche Forschungsgemeinschaft for the project “Ontology, Physics and Scientific Realism” (ca. Eur. 150000 – not taken due to change of job).

2009: Winner of the 2008 Dialectica Essay Prize on ‘Fundamentality’ with the paper *Ontological Priority, Fundamentality and Monism* (ca. Eur. 600).

2009: University of Konstanz, ‘mentorship’ grant for visit to and invitation of Prof. Mauro Dorato, ‘Roma Tre’ University of Rome (Eur. 2100).

2008: University of Konstanz, two-months grant for preparation for and participation in the selection workshop for new members of the Zukunftskolleg (Eur. 2400).

2004-2005: Royal Institute of Philosophy, Jacobsen Bursary for PhD studies at the London School of Economics (ca. Eur. 4000).

2003-2005: AHRC doctoral grant for PhD studies at the London School of Economics (ca. Eur. 11000).

2001-2005: Departmental studentships for postgraduate studies in philosophy at the London School of Economics (for a total of around Eur. 8000).

2001-2002: Cambridge European Trust and AHRB doctoral studentship for PhD study at the University of Cambridge (declined) (ca. Eur. 13000).

2000-2001: Three-year doctoral studentship at “La Sapienza” University of Rome (declined after 10 months) (ca. Eur. 24000).

1995-1996: Student scholarship, awarded on the basis of exam results, to work as a student assistant in the Department of Historico-Philosophical and Pedagogical Studies, “La Sapienza” University of Rome (ca. Eur. 2000).

1994-1995: Total remission of university fees thanks to outstanding results in education, “La Sapienza” University of Rome (ca. Eur. 1000).

Publications

Books

- [1] **2019:** *Filosofia della Scienza [Introduction to the Philosophy of Science]*, with E. Castellani, Il Mulino, Bologna.
- [2] **2016:** *Filosofia della Fisica. Un’Introduzione [Introduction to the Philosophy of Physics]*, Carocci Editore, Rome.
- [3] **2013:** *Combining Science and Metaphysics. Contemporary Physics, Conceptual Revision and Common Sense*, Palgrave Macmillan, Basingstoke, UK.
- [4] **2010:** *Che Cos’è un Oggetto [What an Object Is]*, Carocci Editore, Rome.

Edited Volumes

- [1] **2017:** *Current and Historical Perspectives on the Use of Models in Physics, Chemistry and Life Sciences* (Part H of the *Springer Handbook of Model-Based Science*, editors L. Magnani and T. Bertolotti), Springer, Berlin (with M. Dorato).

Refereed Journal Articles

- [1] **2022:** *What Ontology for Relational Quantum Mechanics?*, in *Foundations of Physics*, 52, 3, 1-19 (with M. Dorato).
- [2] **2021:** *Quantum Entanglement: a Hylomorphic Account*, in *Synthese*, 198, 2773-2793.
- [3] **2020:** *Interpreting Quantum Entanglement. Steps towards Coherentist Quantum Mechanics*, in *British Journal for the Philosophy of Science*, 72, 3, 865-891 (with C. Calosi).
- [4] **2020:** *Fundamentality in Metaphysics and the Philosophy of Physics. Part II: the Philosophy of Physics*, in *Philosophy Compass*, 15, 10.
- [5] **2020:** *Fundamentality in Metaphysics and the Philosophy of Physics. Part I: Metaphysics*, in *Philosophy Compass*, 15, 7.
- [6] **2019:** *Reasons and Beliefs*, in *Journal of Philosophical Research*, 44, 179-196 (with A. Tanyi).
- [7] **2019:** *From Ontic Structural Realism to Metaphysical Coherentism*, in *European Journal for the Philosophy of Science*, 9, 1, (article 7).
- [8] **2017:** *Can Reasons Be Propositions? Against Dancy's Attack on Propositionalism*, in *Theoria* (SWE), 83, 3, 185-205 (with A. Tanyi).
- [9] **2017:** *Moderately Naturalistic Metaphysics*, in *Synthese*, 194, 7, 2557-2580 (with T. Tahko).
- [10] **2017:** *Relationism about Time and Temporal Vacua*, in *Philosophy*, 92, 1, 77-95.
- [11] **2016:** *Humean Supervenience, Composition as Identity and Quantum Wholes*, in *Erkenntnis*, 81, 6, 1173-1194 (with C. Calosi).
- [12] **2015:** *Dependence, Justification and Explanation: Must Reality Be Well-Founded?*, in *Erkenntnis*, 80, 555-572.
- [13] **2015:** *Science-based Metaphysics: On Some Recent Anti-metaphysical Claims*, in *Philosophia Scientiae*, 19, 1, 57-70.
- [14] **2014:** *Objects and Structures: Some (Further) Remarks Concerning the Motivation for Ontic Structuralism and its Metaphysical Characterisation*, in *Methode. Analytic Perspectives*, 3, 4, 77-97.
- [15] **2014:** *Oggetti Fisici (e Non) [Physical (and Non-physical) Objects]*, in *Lebenswelt*, 5, 42-52.
- [16] **2014:** *Metaphysical Informatism and the Regress of Being*, in *Metaphilosophy*, 45, 2, 232-244.
- [17] **2014:** *New Realism and Scientific Realism*, in *Quaestio*, 12 (2012), 535-549.
- [18] **2013:** *Naturalismo e Metafisica. Qualche Riflessione Aggiuntiva [Naturalism and Metaphysics. Some Additional Remarks]*, in *Sistemi Intelligenti*, XXV, 1, 107-112.

- [19] **2013:** *Scienza e Metafisica. Per un Naturalismo Costruttivo [Science and Metaphysics. Towards a Constructive Naturalism]*, ‘target paper’ in *Sistemi Intelligenti*, XXV, 1, 67-82.
- [20] **2013:** *Grades of Individuality. A Pluralistic View of Identity in Quantum Mechanics and in the Sciences*, in *Philosophical Studies*, 163, 3, 591-610 (with M. Dorato).
- [21] **2012:** *Sellarsian Particulars*, in *Acta Analytica*, 27, 3, 293-306.
- [22] **2012:** *Truth and Success, Again: Reply to Held on Generalist versus Particularist (Anti-)Realism*, in *The Reasoner*, 6, 6, 99-100.
- [23] **2011:** *Is There a Compelling Argument for Ontic Structural Realism?*, in *Philosophy of Science (Proceedings)*, 78, 5, 1165-1176.
- [24] **2011:** *Substrata and Properties: From Bare Particulars to Supersubstantivalism?*, in *Metaphysica*, 12, 2, 183-195.
- [25] **2011:** *Bundles, Individuation and Indiscernibility*, in *European Journal of Analytic Philosophy*, 7, 1, 36-48.
- [26] **2011:** *The Partial Identity Account of Partial Similarity Revisited*, in *Philosophia*, 39, 3, 527-546.
- [27] **2011:** *Truth and Success: Reply to Held*, in *The Reasoner*, 5, 7, 106-107.
- [28] **2009:** *A New Look at Relational Holism in Quantum Mechanics*, in *Philosophy of Science (Proceedings)*, 76, 5, 1027-1038.
- [29] **2009:** *Ontological Priority, Fundamentality and Monism*, in *Dialectica*, 63, 3, 271-288.
- [30] **2009:** *Inherent Properties and Statistics with Individual Particles in Quantum Mechanics*, in *Studies in History and Philosophy of Modern Physics*, 40, 3, 223-231.
- [31] **2009:** *Tropes and Physics*, in *Grazer Philosophische Studien*, 78, 185-205.
- [32] **2009:** *Are the Bundle Theory and the Substratum Theory Really Twin Brothers?*, in *Axiomathes*, 19, 1, 73-85.
- [33] **2008:** *Weak Discernibility, Quantum Mechanics and the Generalist Picture*, in *Facta Philosophica*, 10, 1/2, 155-183.
- [34] **2007:** *Resembling Particulars: What Nominalism?*, in *Metaphysica*, 8, 2, 165-178.
- [35] **2004:** *On the Preferability of Epistemic Structural Realism*, in *Synthèse*, 142, 1, 81-107.

Articles in Books and Conference Proceedings

- [1] **2023:** *Realismo Scientifico e Fisica*, in Gabbani, C. and Campaner, R. (eds.): *Realismo e Antirealismo Scientifico in Fisica e Oltre*, Carocci, 29-42.
- [2] **2023:** *Quantum Dispositions and the Simple Theory of Property Composition*, in Roselli, A. and Marmodoro, A., (eds.): *Powers, Parts and Wholes*, Routledge, 209-226.

- [3] **2022:** *Liberal Naturalism, Ontological Commitment and Explanation*, in De Caro, M. and Macarthur, D. (eds.): *The Routledge Handbook of Liberal Naturalism*, 245-254.
- [4] **2021:** *Is Time Unreal?*, in Campo, A. and Gozzano, S. (ed.): *The Quarrel of Time. Einstein vs. Bergson*, Berlin, De Gruyter, 35-52.
- [5] **2020:** *Atomism and Physics-Based Structuralism*, in Zilioli, U. (ed.): *Atomism in Philosophy: A History from Antiquity to the Present*, London, Bloomsbury, 445-456.
- [6] **2020:** *Ontic Structural Realism and Fundamentality*, in Glick, D. and Marmodoro, A. (eds.): *The Foundation of Reality: Fundamentality, Space and Time*, Oxford, Oxford University Press, 69-86.
- [7] **2020:** *Moderately Naturalistic Metaphysics*, in Bliss, R. and Miller, J. (eds.): *Routledge Handbook of Metametaphysics*, London, Routledge, 468-479.
- [8] **2019:** *Ipotesi e Sottodeterminazione in Fisica e Metafisica [Hypotheses and Underdetermination in Physics and Metaphysics]*, in *Incontri di Studio*, proceedings of the 'Lost in Physics and Metaphysics' workshop, a cura di D'Ariano, G.M., Robbiati Bianchi A. e Veca, S., Accademia di Brera-Istituto Lombardo, Milan, January 25, 2018, 115-137.
- [9] **2018:** *The Structure of Physical Reality: Beyond Foundationalism*, in Bliss, R. and Priest, G. (eds.): *Reality and its Structure*, Oxford University Press, Oxford, 254-272.
- [10] **2016:** *Scienza, filosofia e senso comune: conflitto necessario o convivenza possibile? [Science, Philosophy and Common Sense: Inevitable Conflict or Possible Coexistence?]*, in *La Guerra dei Mondi*, a collection on science and commonsense edited by M. Marraffa and A. Lavazza, Codice Edizioni, Turin, 29-46.
- [11] **2016:** *Naturalism and Realism in the Philosophy of Science*, in Clark, K.J. (ed.): *Blackwell Companion to Naturalism*, John Wiley & Sons, Inc., Hoboken, NJ, USA, 75-90.
- [12] **2015:** *Relational Time*, in Bigaj, T. and Wüthrich, C. (eds.): *Metaphysics in Contemporary Physics*, special issue of the *Poznan Studies in the Philosophy of the Sciences and the Humanities*, Brill/Rodopi, Leiden/Boston, 215-236.
- [13] **2015:** *Meccanica Quantistica e Metafisica Analitica [Quantum Mechanics and Analytic Metaphysics]*, in Pecere, P. (ed.): *Il Libro della Natura*, Carocci Editore, Rome (2 voll.), volume II, chapter 8.
- [14] **2015:** *The Metaphysics of Individuality and the Sciences*, in Guay, A. and Pradeu, T. (eds.): *Individuality across the Sciences*, Oxford, Oxford University Press, 273-294.
- [15] **2012:** *Against Ontic Structural Realism*, in the online journal *LePS - Logic and Philosophy of Science*, special issue containing the Proceedings of the 2010 Conference of the SILFS (Italian Society for Logic and Philosophy of Science), 9, 1, 503-508.
- [16] **2011:** *Identity in Physics: Statistics and the (Non-)Individuality of Quantum Particles*, in De Regt, H., Hartmann, S. and Okasha, S. (eds): *EPSA Philosophy of Science: Amsterdam 2009*, Springer, Berlin, 227-237.
- [17] **2010:** *Individual Particles, Properties and Quantum Statistics*, in Suarez, M., Dorato, M. and Rèdei, M. (eds): *EPSA07: Launch of the European Philosophy of Science Association*, Springer, Berlin, vol. II, 175-185.

- [18] **2010:** *Identity, Individuality and Indiscernibility*, in Myung-Hyun Lee (ed.): *Rethinking Philosophy Today: Proceedings of the XXII World Congress of Philosophy*, Korean Philosophical Association, Vol. 15 - Metaphysics, 167-173.
- [19] **2009:** *Identity, Indiscernibility and Naturalised Metaphysics*, in Alcolea, J., Iranzo, V., Sanchez, A. and Valor, J. (eds): *Actas VI Congreso Sociedad de Lógica, Metodología y Filosofía de la Ciencia en España*, University of Valencia, 387-391.
- [20] **2008:** *Properties and Reduction between Metaphysics and Physics*, in Hieke, A. and Leitgeb, H. (eds), *Reduction and Elimination in Philosophy and the Sciences. Contributions of the Austrian Ludwig Wittgenstein Society, vol. XVI*, Austrian Ludwig Wittgenstein Society, Kirchberg am Wechsel, 235-237.
- [21] **2006:** *Towards a Working Trope Ontology*, in P. Valore (ed.), *Topics in General and Formal Ontology*, Polimetrica International Publishers, Italy, 191-219.

Reviews, Encyclopedia Entries and Other Smaller Pieces

- [1] **2022:** Critical Review of Ternullo, C. and Fano, V., *L'infinito*, Carocci 2021, in *Aphex*, 25.
- [2] **2019:** *La forza del dubbio* [The Power of Doubt], in *I Martedì* dossier, 343, 8-12.
- [3] **2018:** Review of Esfeld, M. and Deckert, D.-A., *A Minimalist Ontology of the Natural World*, Routledge, London, 2018, *BJPS Review of Books*, online at: <https://bjpsbooks.wordpress.com/2018/08/14/esfeld-deckert-minimalist-ontology/>.
- [4] **2017:** Review of Slater, M.H. and Yudell, Z. (eds.), *Metaphysics and the Philosophy of Science: New Essays*, Oxford University Press, Oxford, 2017, in *Notre Dame Philosophical Reviews* (3/10/2017, online at: <http://ndpr.nd.edu/news/metaphysics-and-the-philosophy-of-science-new-essays/>).
- [5] **2017:** Introduction to *Current and Historical Perspectives on the Use of Models in Physics, Chemistry and Life Sciences* (Part H of the *Springer Handbook of Model-Based Science*, editors L. Magnani and T. Bertolotti), Springer, Berlin, 840-841 (with M. Dorato).
- [6] **2016:** Guest Editorial and Interview with Jeanne Peijnenburg, in *The Reasoner*, 10, 10, 80-83.
- [7] **2015:** Entry 'Il calcolo booleano' ('Boolean calculus') and revision of several entries on science and philosophy in the 19th and 20th century for the third volume ('L'età contemporanea' – 'The contemporary age') of Eco, U. and Fedriga, R. *La Filosofia e le sue storie (Philosophy and its Stories)*, handbook of philosophy with additional digital media, Laterza, Rome.
- [8] **2014:** Review of Dorato, M., *Che cos'è il tempo?*, Carocci 2013, Orilia, F., *Filosofia del tempo*, Carocci 2012 and Torrenzo, G., *I viaggi nel tempo*, Laterza 2011, in *Rivista di Filosofia*, 1, 129-139.

- [9] **2014:** Critical Review of Fano, V., *I paradossi di Zenone*, Carocci 2012, in *Aphex*, 9, 15.
- [10] **2013:** *Una illuministica ricerca del perché* (review of the Italian translation of D. Deutsch's *The Beginning of Infinity*), in *Il Manifesto* ('Alias'), November 3.
- [11] **2013:** *Viaggio tra i mattoni fondamentali dell'universo* (review of the Italian translation of J. Baggott's *Higgs: The Invention and Discovery of the 'God Particle'*), in *Il Manifesto* ('Alias'), August 28.
- [12] **2013:** *È di scena il falò delle vanità* (review of the Italian translation of F. Close's *The Infinity Puzzle*), in *Il Manifesto* ('Alias'), May 19.
- [13] **2013:** Guest Editorial and Interview with Vincenzo Crupi, in *The Reasoner*, 7, 10, 114-117.
- [14] **2012:** 'Tropi' (introduction to the ontology of tropes, in Italian), in *AphEx* (Analytical and Philosophical Explanation), online at http://www.aphex.it/public/file/Content20120131_APhEx5TemiMorgantiTropi.pdf.
- [15] **2010:** Entries 'Predicate', 'Predicate Logic', 'Identity', 'Identity of the Indiscernibles', 'Abelard' and 'Bayes' in J. Williamson and F. Russo (eds), *Key Terms in Logic*, Continuum, UK (pages: 80, 55, 33, 33, 112, 115; 'Thomas Bayes' also appeared in *The Reasoner*, 2, 3, 9 (2008), 'The Identity of the Indiscernibles' in *The Reasoner*, 3, 1, 8 (2009) and 'Abelard' in *The Reasoner*, 3, 10, 11 (2009)).
- [16] **2010:** Report on 'British Society for the Philosophy of Science, 6-9 July' Conference, in *The Reasoner*, 4, 8, 124.
- [17] **2009:** Guest Editorial and Interview with Wolfgang Spohn, in *The Reasoner*, 3, 8, 1-5.
- [18] **2009:** Review of A. Chakravartty: *A Metaphysics for Scientific Realism*, in *Philosophy in Review*, 29, 2, 86-88.
- [19] **2005:** Review of N.-E. Sahlin (ed.): *Ramsey's Ontology*, in *Philosophy in Review*, 25, 5, 380-382.
- [20] **2004:** Introduction to Elie Zahar's 'Atomisme et Realisme Structural', in S. Laugier and P. Wagner (eds), *Textes Clés de Philosophie des Sciences*, volume II: *Naturalismes et Réalismes*, Vrin, Paris, 373-382 (with V. Guillin).

Talks and Presentations

- [1] **2023:** *Irrealtà e idealità del tempo fra filosofia e fisica*, seminario Tempo Fisico e Tempo Trascendentale, Università Roma Tor Vergata, October 9, (**invited**).
- [2] **2023:** *Il multiverso. Fra scienza, filosofia e fiction*, Notte della Ricerca di Roma Tre (European Researchers' Night), Spetember 29 (**invited**).
- [3] **2023:** *Vaghezza e Indeterminatezza Ontica*, Roma Tre, May 19 (**invited**).

- [4] **2022:** *Le rivoluzioni concettuali nella fisica del '900* (popularisation discussion, with M. Cadoni), January 17 (**invited online talk**).
- [5] **2021:** *Quantum Objects and Haecceitism*, The Nature of Quantum Objects, Geneva, November 12 (**invited online talk**).
- [6] **2021:** *What Ontology for Relational Quantum Mechanics?*, Rediscovering Relational Quantum Mechanics: A New Perspective on Quantum Foundations conference (with M. Dorato), June 25 (**invited online talk**).
- [7] **2021:** *Developing (Quantum) Coherentism*, Quantum Foundations Seminars, Institut Néel (CNRS), Grenoble, May 14 (with C. Calosi) (**invited online talk**).
- [8] **2021:** *Teorie dell'invecchiamento: la filosofia del tempo*, AGING Project webinar series, University of Eastern Piedmont, April 29 (**invited online talk**).
- [9] **2021:** *Quantum Coherentism, VII International Workshop on Quantum Mechanics and Quantum Information: Quantum Ontology and Metaphysics*, April 22 (**invited online talk**).
- [10] **2021:** *Meta(Physical) Infinitism*, PRIN 2017 The Manifest Image and the Scientific Image Seminar, February 5 (**invited online talk**).
- [11] **2021:** *The Metaphysics of Fundamentality, Infinitism and Multiverse Cosmology*, PROTEUS Seminar, University of Barcelona, January 19 (**invited**).
- [12] **2020:** *Metaphysical Coherentism*, Logos Group Seminar, University of Barcelona, February 19 (**invited**).
- [13] **2019:** *Is Time an Illusion?*, lecture for the *Time Time Time: Science, Art and Philosophy* summer school, Swiss Institute at Villa Maraini, Rome, September 3 (**invited**).
- [14] **2019:** *Turtles All the Way Down. Sull'Infinitismo Metafisico*, Pontificia Università Lateranense, Rome, April 5 (**invited**).
- [15] **2019:** *Relational Time and Relationism in Contemporary Physics*, Gran Sasso Science Institute, L'Aquila, February 8 (**invited**).
- [16] **2019:** *Is Time an Illusion?*, Gran Sasso Science Institute, L'Aquila, February 7 (**invited**).
- [17] **2019:** *Metaphysical Coherentism*, for the workshop *Understanding the Metaphysics of Quantum Entanglement*, University of Urbino, January 22 (**invited**).
- [18] **2018:** *Relational Time*, lecture for the *Time Time Time: Science, Art and Philosophy* summer school, Swiss Institute at Villa Maraini, Rome, August 29 (**invited**).
- [19] **2018:** *Metaphysical Coherentism*, workshop *Fundamentality in Physics and Metaphysics*, University of Geneva, April 30, (**invited**).
- [20] **2018:** *Metafisica e Scienza*, comments on Marmodoro A. and Mayr, E., *Breve Introduzione alla Metafisica*, Carocci, Rome, in occasion of the presentation of the book, University of Rome TRE, April 16.

- [21] **2018:** *Relational Time*, ‘Statale’ University of Milan, April 11 (**invited**).
- [22] **2018:** *Ipotesi e Sottodeterminazione in Fisica e in Metafisica*, workshop Lost in Physics and Metaphysics: questioni di realismo scientifico, Accademia di Brera-Istituto Lombardo, Milan, January 25 (**invited**).
- [23] **2017:** *Oggetti e Relazioni. Quale Ontologia per il Realismo Strutturale?*, Università Vita-Salute San Raffaele, Milano, June 7 (**invited**).
- [24] **2017:** *Scienza e Filosofia: Quale Naturalismo?*, Science and Metaphysics Series, University of Rome ‘La Sapienza’, May 30 (**invited**).
- [25] **2017:** *Many-worlds Quantum Mechanics and the Measurement Problem*, INFN Training School on Quantum Mechanics and the Measurement Problem, INFN, Frascati, May 24-26 (**invited**).
- [26] **2017:** *Does the Universe (Necessarily) Have a Foundation?*, workshop on infinite regresses, University of Groningen, Groningen, March 21-22 (**invited**).
- [27] **2017:** *Oggetti e Relazioni in Meccanica Quantistica: sul Realismo Strutturale Ontico*, convegno *Le dimensioni metafisiche della natura*, Pontificia Università della Santa Croce, Roma, February 23-25 (**invited**).
- [28] **2016:** *Properties, Statistics and the Identity of Quantum Particles*, INFN Training School on Physical and Philosophical Aspects of Quantum Mechanics, INFN, Frascati, December 19-21 (**invited**).
- [29] **2016:** *Metaphysical Infinitism*, fifth Italian Conference in Analytic Ontology, University of Padua, June 27-29 (**invited plenary speaker**).
- [30] **2016:** *Metaphysical Structure(s). Beyond Foundationalism*, University of Neuchâtel, May 10 (**invited**).
- [31] **2016:** *Audi on Justification and Knowledge*, discussant of Robert Audi’s *Precis* of his book *Epistemologia. Un’introduzione alla teoria della conoscenza*, Quodlibet, Macerata (Italian translation of *Epistemology: A Contemporary Introduction to the Theory of Knowledge*, Routledge, London and New York, 1998), University of Roma TRE, Rome, March 11 (**invited**).
- [32] **2016:** *Scienza e Metafisica: Quale Naturalismo?*, for the ‘Rivoluzioni Scientifiche e Filosofia’ workshop, in occasion of the publication of P. Pecere (ed.): *Il Libro della Natura*, Carocci, Rome, 2016, La Sapienza University of Rome, February 16 (**invited**).
- [33] **2015:** *Science and the Metaphysics of Grounding*, ‘New Trends in the Metaphysics of Science’ conference, Paris, December 18 (**invited**).
- [34] **2015:** *Oggetti, proprietà, relazioni. Alcuni aspetti metafisici della meccanica quantistica*, Bologna, Collegio Superiore, December 1 (**invited**).
- [35] **2015:** *Il tutto è la somma delle parti? Mattoni quantistici e composizione*, Gran Sasso Science Institute, October 5 (**invited**).

- [36] **2015:** *Some Skeptical Remarks about Ontic Structural Realism*, within the ‘Must Every Thing Go?’ Symposium organized for the CLMPS 2015 international conference, University of Helsinki, August 6.
- [37] **2015:** Presentation on scientific realism and antirealism and coordination (together with Carlo Gabbani) of a closing round table discussion for the Pistoia Summer School ‘Regolarità e modelli. Forme della conoscenza’, July 17 **(invited)**.
- [38] **2015:** *Fondamentalità, regressi e tartarughe. In difesa dell’infinitismo metafisico*, University of Urbino, May 28 **(invited)**.
- [39] **2015:** *La concezione relazionista del tempo*, University of Rome ‘Roma TRE’, May 11 **(invited)**.
- [40] **2015:** *La Scienza ci suggerisce veramente un’ontologia di strutture?*, Workshop ‘Ontologia e Scienza’, University of Macerata, February 10 **(invited)**.
- [41] **2014:** *Naturalism and Metaphysics*, Workshop on Forms of Naturalism, University of Rome ‘Roma TRE’, October 30 **(invited)**.
- [42] **2014:** *Fondamentalità, regressi e tartarughe: in difesa dell’infinitismo metafisico*, RIFAJ Workshop on Metaphysics, University of Rome ‘Roma TRE’, June 26 **(invited)**.
- [43] **2014:** *Must Reality Be Well-founded? Metaphysical Infinitism and the Regress of Being Objection*, University of Helsinki, Workshop ‘Fundamentality and Metaphysical Infinitism’, June 2-3 **(invited)**.
- [44] **2014:** *La struttura della realtà e la struttura della giustificazione. Una (ri-) valutazione della prospettiva infinitista*, University of Turin, May 15 **(invited)**.
- [45] **2014:** *Scienza e metafisica: quale naturalismo?*, University of Urbino, April 30 **(invited)**.
- [46] **2014:** *Scienza e Metafisica*, University of Florence, March 14 **(invited)**.
- [47] **2013:** *Solé on Surreal Trajectories in Bohmian Mechanics*, First Rome-Barcelona Workshop in the Philosophy of Science, University of Rome ‘Roma TRE’, May 17.
- [48] **2013:** *Dependence and Fundamentality between Metaphysics and Science*, Metaphysics of Science Seminar, IHPST, Paris, April 18 **(invited)**.
- [49] **2013:** *Oggetti Fisici (e non)*, workshop ‘Oggetti materiali fra filosofia, arte e scienza’, University of Rome ‘Roma TRE’, April 16 **(invited)**.
- [50] **2013:** *Relational Physics and Relationism about Time*, Universitat Autònoma de Barcelona, March 11 **(invited)**.
- [51] **2012:** *Can Reasons Be Propositions?*, Conference of the Italian Society for Analytic Philosophy, Alghero, September 12-15.
- [52] **2012:** *Barbour’s Machian Physics and Relationism About Time*, Conference of the Italian Society for Analytic Philosophy, Alghero, September 12-15.

- [53] **2012:** *The Metaphysics of Individuality and the Sciences*, Individuality across Sciences conference, Paris, May 18-20 (**invited**).
- [54] **2012:** *The Metaphysics of Individuality and the Sciences*, Individuality in Physics and Metaphysics workshop, Urbino, May 15 (**invited**).
- [55] **2011:** *On Science and Metaphysics*, seventh European Congress of Analytic Philosophy, Milan, September 1-6.
- [56] **2011:** *On (Some Recent Claims About) Science and Metaphysics*, British Society for the Philosophy of Science annual conference, Sussex University, July 7-8.
- [57] **2011:** *La Natura del Tempo e i Viaggi nel Tempo*, Caffè Scienza Junior, Biblioteca Villa Mercede, Rome (**invited** speaker, together with physicist Giovanni Amelino Camelia, for a public lecture for high school students on time and time-travel), June 15.
- [58] **2010:** *Is There a Compelling Argument for Ontic Structural Realism?*, Italian Society for Logic and Philosophy of Science triennial conference, Bergamo, December 15-17.
- [59] **2010:** *Does Science Tell Us about Reality?*, Open Lecture for the ‘Science in Question’ Series at the University of Konstanz, December 1 (**invited**).
- [60] **2010:** *Ontic Structuralism, Objects and Properties*, Structure and Identity Conference, Bristol, July 23-25.
- [61] **2010:** *Is There a Compelling Argument for Ontic Structural Realism?*, British Society for the Philosophy of Science annual conference, Dublin, July 8-9.
- [62] **2010:** *How (Not) to Do Metaphysics*, Departmental Colloquium, Philosophy, Konstanz, May 27 (**invited**).
- [63] **2010:** *Dorato on Time and Becoming*, Monthly Monday Meeting, Konstanz (**invited** commentary), April 26.
- [64] **2009:** *Identity, Individuality and Naturalised Metaphysics*, VI SLMFCE Congress, Valencia, November 18-21.
- [65] **2009:** *Identity in Physics: Statistics and the (Non-)Individuality of Quantum Particles*, EPSA09, Amsterdam (**invited** symposium talk), October 21-24.
- [66] **2009:** *Properties, Causality and Identity in Entangled Quantum Systems*, Metaphysics of Science final conference, Nottingham, September 12-14.
- [67] **2009:** *Identity, Indiscernibility and Naturalist Metaphysics*, British Society for the Philosophy of Science annual conference, Norwich, July 13-14.
- [68] **2009:** *Ontology, Physics and Scientific Realism*, Zukunftskolleg’s ‘Jour Fixe’ meeting, University of Konstanz, May 28.
- [69] **2008:** *A New Look at Relational Holism in Quantum Mechanics*, biennial meeting of the Philosophy of Science Association, Pittsburgh, November 6-9.

- [70] **2008:** *Properties and Reduction between Metaphysics and Physics*, 2008 international Ludwig Wittgenstein Symposium, *Reduction and Elimination in Philosophy and the Sciences*, Kirchberg am Wechsel, August 10-16.
- [71] **2008:** *Dispositional Relations in Quantum Mechanics*, sixth European Congress of Analytic Philosophy, Krakow, August 21-26.
- [72] **2008:** *On the Motivation for Ontic Structural Realism*, workshop on ontology and individuality in physics, CREA, Paris, March 17 (**invited** reply to Steven French).
- [73] **2007:** *Individual Particles, Properties and Quantum Statistics*, founding conference of the European Philosophy of Science Association, Madrid, November 14-17.
- [74] **2007:** *An Explanation of Quantum Statistics with Individual Particles*, fifth conference of the Spanish society for analytical philosophy, Barcelona, September 7-9.
- [75] **2007:** *Identity and Individuality in Physics*, Foundphys seminar, IHPST, Paris, March 9.
- [76] **2006:** *Saunders on the Identity of the Indiscernibles and Quantum Particles*, British Society for the Philosophy of Science annual conference, Southampton, July 18-20.
- [77] **2005:** *Does Standard Quantum Mechanics Require a New Ontology?*, Research seminar in the philosophy of the natural sciences, Department of Philosophy, Logic and Scientific Method, London School of Economics, London, November 16.

Teaching and Supervision

2023-2024: Reasoning and philosophical analysis (one module for 1st/2nd year BA students); Philosophy of physics (two modules for MA students)

2022-2023: Reasoning and philosophical analysis (one module for 1st/2nd year BA students); The nature and limits of empirical knowledge (two modules for MA students)

2021-2022: Reasoning and philosophical analysis (one module for 1st/2nd year BA students); Philosophy of physics (two modules for MA students)

2020-2021: Reasoning and philosophical analysis (one module for 1st/2nd year BA students); The nature of knowledge and the problem of skepticism (two modules for MA students).

2019-2020: Reasoning and philosophical analysis (one module for 1st/2nd year BA students); The problem of scientific realism – science, society and common sense (two modules for MA students).

2018-2019: Reasoning and philosophical analysis (one module for 1st/2nd year BA students); The problem of induction (one module for MA students); Introduction to the philosophy of science (one module for 1st year BA students).

2017-2018: Reasoning and philosophical analysis (one module for 1st/2nd year BA students); Science and Metaphysics (one module for 2nd/3rd year BA students); Introduction to epistemology and the problem of scepticism (one module for MA students).

2016-2017: Introduction to the philosophy of physics (two modules for MA students); Reasoning and philosophical analysis (one module for 1st/2nd year BA students).

2015-2016: The nature of the infinite between mathematics, philosophy and physics (module for MA students); approximately 10 hours of doctoral seminars.

2014-2015: Introduction to the philosophy of science (basic module for all 1st year BA students in philosophy); The nature of inductive and probabilistic reasoning and the problem(s) of induction (two modules for MA students).

2013-2014: Realism and anti-realism in the philosophy of science (for a module on the philosophy of the natural sciences for MA students).

2012-2013: Scepticism in epistemology and realism/antirealism in philosophy of science (for a module on science and metaphysics for 2nd-3rd year BA students and MA students).

2011-2012: The nature of material objects (module for module for 2nd-3rd year BA students); The (un)reality of time (module for MA students).

2011-: Supervisor or co-supervisor for several BA and MSc dissertations at Roma Tre (around 35 completed dissertations in total, around 10 in progress), co-tutor for 2 PhD dissertations (A. Roselli (completed), A. Alegiani (completed)). External examiner for 4 PhD dissertations (F. Pero, University of Florence 2015; N. Moore, University of Western Ontario 2019; G. Buonocore, Florence 2022; R. Jakslund, NTNU Trondheim 2022), external evaluator for 2 PhD dissertation.

2003-2006: Teaching assistant at the London School of Economics (after a preliminary intensive workshop on academic teaching). Duties included explanation and discussion of various topics via visual presentations and exercises, tutoring and essay marking. Courses taught: *Logic, Reason, Knowledge and Values, Special Topics in the Philosophy of Natural and Social Science.*

Other Relevant Activities and Work Experiences

I have refereed for *Abstracta, Acta Analytica, Analysis, Analytic Philosophy, APbEx, Argumenta, Asian Journal of Philosophy, Australasian Journal of Philosophy, Boston Studies in the History and Philosophy of Logic, British Journal for the Philosophy of Science, Canadian Journal of Philosophy, Dialectica, Dialogoi, Dialogue, Diametros, Discipline Filosofiche, Ergo, Erkenntnis, European Journal for the Philosophy of Science, Foundations of Physics, Foundations of Science, International Studies in the Philosophy of Science, Intersezioni, Journal for General Philosophy of*

Science, Journal of Consciousness Studies, Journal of Philosophy, Journal of the American Philosophical Association, Lato Sensu, Logic & Philosophy of Science, Logique et Analyse, Manuscripto, Methode, Mind, Noûs, Phenomenology and Mind, Philosopher's Imprint, Philosophia, Philosophical Inquiries, Philosophical Papers, Philosophical Quarterly, Philosophical Studies, Philosophical Transactions of the Royal Society, Philosophy Compass, Philosophy of Science, Polish Journal for the Philosophy of Science, Poznan Studies in History and Philosophy of Science, Review of Philosophy and Psychology, Rivista Italiana di Filosofia Analitica Junior, Rivista Italiana di Filosofia del Linguaggio, South African Journal of Philosophy, Studia Logica, Studies in History and Philosophy of Modern Physics, Studies in History and Philosophy of Science, Synthese, Synthesis (Rome), Theoria (Es), Theoria (Swe), The Reasoner, Topoi; Palgrave Macmillan; Routledge; the Czech Science Foundation, the Italian Ministry for University and Research, the Cariplo foundation, the European Philosophy of Science Association, the French Society for the Philosophy of Science, the Italian Society for Logic and Philosophy of Science, the Society for the Metaphysics of Science, the Canadian Philosophical Association, the Cognitive Science Society and the Swiss National Science Foundation.

I am an associate editor for the *European Journal for Philosophy of Science*, and a member of the editorial board for *The Reasoner*, a 'monthly digest highlighting exciting new research on reasoning, inference and method broadly construed', and for *APhEx* (Analytic and Philosophical Explorations, online journal of philosophy), for which I am responsible, together with Andrea Borghini and two collaborators, of the 'Open Problems' section. I am a consulting editor for the *Journal of the American Philosophical Association*, and part of the scientific committee for *RifaJ - Rivista Italiana di Filosofia Analitica Junior*. I have been a member of the executive committee and secretary of the SILFS (Italian Society of Logic and Philosophy of the Sciences) between 2011 and 2014; I was also part of the scientific committee and of the organising committee of the triennial international conference of the society, held in Rome between June 18 and 2, 2014. I have been part of the scientific committee for EPSA 2015, the biennial conference of the European Philosophy of Science Association. I am a member of the SMS (Society for the Metaphysics of Science), the SFI (Italian Philosophical Society) – Rome unit, the SILFS (Italian Society for Logic and Philosophy of the Sciences), the SIFA (Italian Society for Analytic Philosophy), the POND – Philosophy of Science around the Mediterranean network, the International Network on Foundations of Quantum Mechanics and Quantum Information, and the Consulta Filosofica Nazionale. I have been an associate of the INFN – the National Institute for Nuclear Physics - in Frascati, in 2017-2018, within a project, funded by the John Templeton Foundation, exploring possible violations of the Pauli Exclusion Principle. I am a member of the 'Labont', the Italian Laboratory for Ontology, Rome unit, and participate in the extended research network of Dynamis - The Finnish Network for Metaphysics.

I am a selected member of the teaching committee, of the quality insurance committee and of the committee for doctoral studies at the University of Roma TRE (joint programme with the University of Rome Tor Vergata). I have been the coordinator for

teaching in philosophy in my department (from September 2017 to February 2018). Since October 1, 2018, I am the Erasmus coordinator for the department. I am also the referent for online teaching for the department.

2005-2006: WebCT (Internet-based support for teaching) designer and responsible for the course *Reason, Knowledge and Values* at the London School of Economics.

2005-2006: Examiner for undergraduate philosophy examinations at the London School of Economics.

2001-2002: Collaboration and assistance, chairs of *Philosophy of Science* and *Methodology of the Social Sciences*, “Roma Tre” University of Rome.

1995-1996: Departmental website designer and programmer, “La Sapienza” University of Rome, Department of Historico-Philosophical and Pedagogical Studies.

Other Information

Known languages: Italian (native tongue); English (excellent written and oral); French (intermediate-basic speaking, good reading); Spanish (basic speaking, good reading); German (basic speaking, basic reading). Excellent computer/IT literacy.