

3. ‘Structuralist Approaches to Bohmian Mechanics’, *Synthese* (2022)
2. ‘A Refined Propensity Account for GRW Theory’, *Foundations of Physics* (2021)
1. ‘Humean supervenience and tripartite entanglement relations’, *Axiomathes* (2020)

EDITED COLLECTIONS

- ‘The Aims and Methodologies of Contemporary Metaphysics’ (2025), *Synthese* Topical Collection, lead guest editor (co-edited with Pyro Suarez and Tommaso Soriani)

POPULAR ARTICLES

- What do Newtonian Forces have to do with the Standard Model? (BJPS Short Read version of ‘Effective Ontic Structural Realism’, including podcast version)

PRESENTATIONS

Peer-reviewed talks:

19. *An Effective Approach to Naturalistic Metaphysics*, 2nd Parma Workshop in Analytic and Scientific Metaphysics, Parma, 15-16 December 2025
18. *Making Sense of Gravitational Thermodynamics*, 10th biennial meeting of the European Philosophy of Science Association, Groningen, 27-30 August 2025
17. *Making Sense of Gravitational Thermodynamics*, Italian Society for Logic and the Philosophy of Science (SILFS) Postgraduate Conference, Turin, 11-13 June 2025
16. *The Justification Gap Problem for Theory Reduction*, PSA’s 29th biennial meeting, New Orleans, 14-17 November 2024
15. *Making Sense of Gravitational Thermodynamics*, 2nd History and Philosophy of Cosmology Conference, Milan, 10-13 September 2024
14. *Metaphysical Naturalism and Reduction in Biochemistry* (joint work with Francesca Bellazzi), part of ‘Metaphysical Naturalism 2.0’ symposium, The British Society for the Philosophy of Science annual conference, York, 17-19 July 2024
13. *Two forms of functional reductionism in physics*, The British Society for the Philosophy of Science annual conference, Bristol, 5-7 July 2023
12. *Two forms of functional reductionism in physics*, 21st European Conference on Foundations of Physics, Bristol, 8-10 July 2023
11. *Nagelian Reduction as Functional Reduction*, 7th Panhellenic Conference on Philosophy of Science, Athens, 1-3 December 2022
10. *How functional reduction bolsters reductive explanations*, The Society for the Metaphysics of Science 7th Annual Conference, Bristol, 7-9 September 2022
9. *Functionalism, Reductionism, and Levels of Reality*, 5th SILFS Postgraduate Conference on Logic and Philosophy of Science, Milan, June 13–17 2022
8. *Wave Function Realism vis-à-vis Functional Reduction*, 8th biennial meeting of the European Philosophy of Science Association (EPSA 21), Turin, September 2021

7. *Wave Function Realism vis-à-vis Functional Reduction*, Sixth Annual Conference of the Society for the Metaphysics of Science, September 1-4 2021
6. *Wave Function Realism vis-à-vis Functional Reduction*, British Society for the Philosophy of Science annual conference (BSPS 21), July 2021
5. *Putting Coherentism to Work: Redefining the Nature of the Wave Function*, Australasian Postgraduate Philosophy Conference, September 19-20, 2020
4. *Is there room for entanglement relations in the Humean mosaic?*, 10th European Conference for Analytic Philosophy (ECAP 10), online, August 24-28, 2020
3. *GRW, dispositions and objective probabilities*, Annual conference of the British Society for the Philosophy of Science, July 2020, canceled due to the pandemic
2. *Is there room for entanglement relations in the Humean mosaic?*, Annual conference of the German physical society, Bonn, April 2020, canceled due to the pandemic
1. *Dispositionalism and the laws of nature*, Lugano Undergraduate Conference in Philosophy, USI, February 2019

Invited and contributed talks:

14. *Newton-Cartan Lessons for the Metaphysics of Time*, Geneva Symmetry Group spring seminar, Geneva, 5 March 2026 (based on joint work with Enrico Cinti and Marco Sanchioni)
13. *Limiting Reduction and Modified Gravity*, Modeling the Cosmos: Frontiers in Philosophy of Astrophysics and Cosmology, Milan, 3-4 March 2026
12. *Saving Functionalism from Inconsistency*, Functionalism workshop, University of Oslo, 26-27 November 2025 (joint work with Joshua Babic)
11. *Newton-Cartan Lessons for the Metaphysics of Time*, Metaphysics of Cosmology workshop, Lugano, 10-12 September 2025 (based on joint work with Enrico Cinti and Marco Sanchioni)
10. *Quantum Physics and Effective Realism*, Workshop on Metaphysical and Epistemological Perspectives on Quantum Theory, Lugano, 28 June 2025 (joint work with James Ladyman)
9. *Limiting Reduction and Modified Gravity*, The Epistemology of Dark Matter and Modified Gravity workshop, Athens, 19-20 June 2025 (joint work with Antonis Antoniou)
8. *Limiting Reduction and Modified Gravity*, Harvard University's Black Hole Initiative foundations seminars, 14 April 2025 (joint work with Antonis Antoniou)
7. *Saving Functionalism from Inconsistency*, Theoretical Equivalence and Related Topics workshop, USI, Lugano, 8 April 2025 (joint work with Joshua Babic)
6. *Separatism and Unitism about Spacetime*, Geneva Symmetry Group research seminar series, University of Geneva, 13 March 2025 (joint work with Damiano Costa)
5. *Separatism and Unitism about Spacetime*, 4th Ca' Foscari-Lugano Workshop in Analytic Metaphysics, Venice, 16 December 2024 (joint work with Damiano Costa)
4. *Is Functionalism Trivial in Science?*, (Spacetime) Functionalism Workshop, King's College London, 16 June 2023
3. *Two forms of functional reductionism in physics*, Beyond Spacetime speaker series, University of Geneva, March 8 2023
2. *Two forms of functional reductionism in physics*, Philosophy of Physics graduate seminar,

Oxford, February 14 2023

1. *Wave Function Realism vis-à-vis Functional Reduction*, Geneva Symmetry Group spring seminars, University of Geneva, March 2021

TEACHING EXPERIENCE

Teacher (full courses):

- *Research Seminar* (academic writing skills, 24 hours), USI, Lugano, Fall 2026, (co-taught with Paolo Natali)
- *Research Seminar* (academic writing skills, 24 hours), USI, Lugano, Fall 2025, (co-taught with Paolo Natali)

Teacher (teaching assistant):

- *Knowledge and Reality* seminars (22 hours), University of Bristol, Spring 2023
- *Logic and Critical Thinking* seminars (22 hours), University of Bristol, Fall 2022

Teacher (graduate lecture series):

- *Epistemology and metaphysics of laws of nature*, Catholic University of Milan, April 2026, three lectures (co-taught with Alessandro Giordani)
- *Thermodynamics, statistical mechanics, and information theory*, USI, Lugano, April 2026, three lectures (co-taught with Niccolò Covoni & Francesca Vidotto)

Supervision:

- Jacopo Lanzi, 1st year student, Master in Philosophy, USI (academic tutor), 2025/2026

SCHOLARSHIPS AND GRANTS

Marie Skłodowska-Curie Actions (MSCA) Postdoctoral Fellowships 2025 EFFECT project, Polytechnic University of Milan (EUR 193.643)	2027–2029
Swiss National Science Foundation, Scientific Exchange grant “The Metaphysics of Cosmology” workshop (CHF 12.500)	2025
AHRC (SWW DTP) Doctoral scholarship Full PhD tuition fees & stipend	2021–2025
Royal Institute of Philosophy, Graduate Conference Funding Funding to organise the 3rd BBLOC graduate workshop (£600)	2024
Researcher-Led Initiatives Fund (SWW DTP) “The Aims of Metaphysics” conference (£2.362)	2024
Royal Institute of Philosophy, Graduate Conference Funding Funding to organise the 2nd BBLOC graduate workshop (£600)	2023
Research Training Support Grant (SWW DTP) Travel expenses to visit the University of Pittsburgh (£4.410)	2023
Research Training Support Grant (SWW DTP)	2022

Travel expenses to visit King’s College London (£650)	
Swiss cantonal merit-based scholarship for Italian citizens Tuition fees plus living costs (CHF 26.000)	2019–2021
Scholarship for the highest GPA in the Master in Philosophy, USI Award (CHF 4.000)	2020

ACADEMIC SERVICES

Reviewer

- *British Journal for the Philosophy of Science*
- *Philosophy of Science*
- *Australasian Journal of Philosophy*
- *European Journal for the Philosophy of Science*
- *Synthese*
- *Studies in History and Philosophy of Science*
- *Journal for General Philosophy of Science*
- *Foundations of Physics*

Conference organisation

- “Perspectives on the Foundations of Information Theory and Statistical Mechanics” workshop, USI, Lugano, 7–9 May 2026
- “The Metaphysics of Cosmology” workshop, USI, Lugano, 10-12 September 2025
- “The Aims of Metaphysics” conference, University of Bristol, 22-23 November 2024
- BBLOC 2nd Graduate conference in philosophy of physics, King’s College London, 14 December 2023
- BBLOC 1st Graduate conference in philosophy of physics, King’s College London, 14 December 2022

Scientific committees

- 3rd History & Philosophy of Cosmology Conference, Athens, July 2026
- 11th annual conference, Society for the Metaphysics of Science, Toronto, May 2026

Editor

- PhilPapers editor for the categories Interlevel Relations in Physical Science and Functionalism in Science (and related subcategories).

TRAINING

Summer Schools (attendance)

- Summer school ‘The Aim and Structure of Cosmological Theory’, USI, Lugano, June 2025
- Summer school in philosophy of dark matter, University of Urbino, June 2023
- Summer school in philosophy of quantum computation, University of Urbino, June 2020
- Summer school in epistemology, University of Urbino, August 2019

OUTREACH

- Spring 2026: Two lectures to high school students in Switzerland on scientific realism (Liceo cantonale di Bellinzona; Liceo cantonale Lugano 3).
- March 2025: Interview on the relationship between free will, physics, and philosophy on the Italian-speaking Swiss state radio (RSI).
- March 2025: Public lecture in Lugano on what physics tells us about free will.
- Spring 2025: Two lectures to high school students in Switzerland on free will (Liceo cantonale Lugano 2; Liceo cantonale di Locarno).

AFFILIATIONS

Membership of research groups:

- Geneva Symmetry Group; COSMOS network; Philosophy of Physics Bristol Group

Societies:

- British Society for the Philosophy of Science; Philosophy of Science Association; Philosophy of Physics Society; European Philosophy of Science Association; Society for the Metaphysics of Science; Società Italiana di Logica e Filosofia delle Scienze

REFERENCES

References available upon request.

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