

Claudio Calosi

Professor of Philosophy

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Current Position

- 2020– **Professor of Philosophy**, University of Geneva, Dept. of Philosophy.
- 2020– **Visiting Professor**, USI, Lugano.
- 2021–2022 **Associated Faculty Member**, University of Oxford, Faculty of Philosophy.

Academic History

- 2020 **Visiting Professor**, University of Leeds.
- 2017–2020 **Post-Doc & Lecturer**, University of Geneva.
- 2017–2019 **Post-Doc & Lecturer**, USI, Lugano.
- 2017–2019 **Lecturer**, Faculty of Theology, Lugano.
- 2015–2017 **Post-Doc & Lecturer**, University of Neuchâtel.
- 2010–2015 **Post-Doc & Lecturer**, University of Urbino.
- 2009 **Visiting Research Scholar**, NYU, Dept. Philosophy.
- 2008 **Visiting Research Scholar**, University of California at Irvine, LPS.
- 2005–2006 **Visiting Research Scholar**, University of Pittsburgh, HPS.

Area of Specialization

- Metaphysics of Science, Philosophy of Physics, Metaphysics, Formal Ontology

Area of Competence

- Logic, Philosophy of Science, Philosophy and Literature

Current P.I Projects

- **The Metaphysics of Quantum Objects**, SNF-Eccellenza Professorship
Timeframe: 01. 01. 2020- 31. 12. 2024—[5 years]
People: 1 Post-Doc, 2 PhD-s
Funds: CHF 1.435.611 (estimated 1.275.200 €; 1.462.270 \$; 1.138.256 £)

Previous Funded Projects

- **Quantities**, 2016-2019. Swiss National Foundation (SNF) —CHF 235.000.
- **Time after Time: Science, Philosophy & Art (2)**, 2019, University of Geneva, USI, Swiss Italian Institute—CHF 10.000.
- **Time, Time, Time: Science, Philosophy & Art (1)**, 2018, University of Geneva, USI, Swiss Italian Institute—CHF 10.000.

Habilitations

- 2021–2030 **Associate Professor**, Logic and philosophy of Science.
2021–2030 **Associate Professor**, Theoretical Philosophy.

Education

- 2010 **Ph.D. in Philosophy**, University of Florence.
◦ **Ph.D. Thesis:** *Time and Objects in Minkowski Spacetime*

Selected Publications

Books

- [4] 2014. *Le Tribolazioni del Filosofare. Comedia Metaphysica, ne la quale si tratta de li errori e delle pene de l'Infero* (with A. C. Varzi) Laterza, Bari/Roma. ISBN 978-88-581-1089-8.

Edited Volumes

- [4] Forthcoming. Rediscovering Relational Quantum Mechanics. *Foundations of Physics*.
◦ [3] 2021. *Experience, Abstraction, and the Scientific Image of the World* (with P. Graziani, G. Tarozzi) Milan, Franco Angeli.
◦ [2] 2014. *Mereology and the Sciences* (with P. Graziani) Berlin, Springer. ISBN: 978-3-319-05355-4.
◦ [1] 2011. *Physics and Metaphysics*. Special Issue of Humana.Mente. ISBN: 978-884672940-8.

Selected Articles

- [45] Forthcoming. Inheriting Harmony. *Analysis*.
◦ [44] Forthcoming. The Bound State Answer to the Special Composition Question. *Philosophy of Science*.
◦ [43] Forthcoming. There are no Saints. Or, Quantum Multilocation. *Grazer Philosophische Studien*.
◦ [42] Forthcoming. Gappy, Glutty, Glappy. *Synthese*. <https://link.springer.com/article/10.1007/s11229-021-03291-5>.
◦ [41] Forthcoming. The General Relativistic Case for Supersubstantivalism (with P. Dürr). *Synthese*.
◦ [40] Forthcoming. On the Contingency of Universalism. *Erkenntnis*. <https://link.springer.com/article/10.1007%2Fs10670-021-00439-0>.
◦ [39] Forthcoming. Metaphysical Indeterminacy in the Multiverse (with J. Wilson). In Allori, V. (Ed.) *Quantum Mechanics and Fundamentality: Naturalizing Quantum Theory between Scientific Realism and Ontological Indeterminacy*, Springer.

- [38] Forthcoming. The Multilocation Trilemma (with D. Costa). *Erkenntnis*. <https://link.springer.com/article/10.1007/s10670-020-00230-7>.
- [37] 2021. Quantum Indeterminacy and the Double-Slit Experiment (with J. Wilson). *Philosophical Studies*, 178: 3291–3317.
- [36] 2021. Interpreting Quantum Entanglement. Steps Towards Coherentist Quantum Mechanics (with M. Morganti). *The British Journal for the Philosophy of Science*. 72 (3): 865-891.
- [35] 2021. Relational Quantum Mechanics and the PBR Theorem: A Peaceful Coexistence (with A. Oldofredi). *Foundations of Physics*. 51: 82-103.
- [34] 2021. Determinables, Location, and Indeterminacy. *Synthese* 198: 4191-4204.
- [33] 2021. No Time for (No) Change. In A. Campo, S. Gozzano (eds.) *Einstein vs. Bergson: an Enduring Quarrel of Time*, Berlin: De Gruyter.
- [32] 2021. Is Parthood Identity? *Synthese* 198: S4503-S4517.
- [31] 2021. Quantum Indeterminacy. *Philosophy Compass* 16 (4): e12731.
- [30] 2021. Is the World a Heap of Quantum Fragments? (with S. Iaquinto). *Philosophical Studies*. 178: 2009-2019.
- [29] 2021. Pre-Socratic Monism. In Calosi, C. Graziani, P., Tarozzi, G. (Eds) *Experience, Abstraction and the Scientific Image of the World*, Milan: Franco Angeli.
- [28] 2020. Quantum Relational Indeterminacy (with C. Mariani). *Studies in History and Philosophy of Modern Physics*. 71: 158-169.
- [27] 2020. Priority Monism, Dependence, and Fundamentality. *Philosophical Studies*. 177: 1-20.
- [26] 2020. An Elegant Universe, *Synthese*. 197: 4767-4782.
- [25] 2019. Quantum Metaphysical Indeterminacy (with J. Wilson). *Philosophical Studies* 176 (10): 2599-2627.
- [24] 2018. Solving a Mereological Puzzle. *Thought* 7 (4): 271-277.
- [23] 2018. Quantum Monism. An Assessment. *Philosophical Studies* 175 (12): 3217-3236.
- [22] 2018. Failure or Boredom. The Pendulum of Composition is Identity. *American Philosophical Quarterly* 55 (3): 281-292.
- [21] 2017. On the Possibility of Submergence, *Analysis*. 3: 501-511.
- [20] 2017. A Love Letter on Metaphysics, Poetry and Death, On the 400th Year from Shakespeare's Death, Written by W.H. Shortly Before His Death, *RiFaJ* 7(1): 21-33.
- [19] 2016. Composition is Identity and Mereological Nihilism, *The Philosophical Quarterly* 66: 219-235.
- [18] 2016. Humean Supervenience, Composition as Identity and Quantum Wholes (with M. Morganti), *Erkenntnis* 81 (6): 1173-1194.

- [17] 2016. Relativity and three Four-dimensionalisms (with C. Gilmore, D. Costa), *Philosophy Compass* 11 (2): 102-120.
- [16] 2016. Composition, Identity and Emergence, *Logic and Logical Philosophy* 25: 429-443.
- [15] 2016. Back to Black (with A. Varzi), *Ratio* 29(1): 1-10.
- [14] 2015. The Relativistic Invariance of 4D Shapes, *Studies in the History and Philosophy of Modern Physics*, 50: 1-4.
- [13] 2015. Multilocation, Fusions and Confusions (with D. Costa), *Philosophia*, 43(1): 25-33.
- [12] 2015. A New Taxonomy of (Relativistic) Persisting Objects (with V. Fano), *Topoi*, 34 (1): 283-294.
- [11] 2015. Divisibility and Extension (with V. Fano), *Acta Analytica*, 30 (2): 117-132.
- [10] 2014. Quantum Mechanics and Priority Monism, *Synthese*, 191 (5): 915-928.
- [9] 2014. Extensionality, Multilocation, Persistence, *dialectica*, 68(1): 121-139.
- [8] 2014. Metaphysics of Time in Spacetime, *Thought*, 3: 1-8.
- [7] 2014. Arrows, Balls and the Metaphysics of Motion (with V. Fano), *Axiomathes*, 24(4): 499-515.
- [6] 2014. Parthood and Composition in Quantum Mechanics (with G. Tarozzi) in Calosi, C. and Graziani, P. (Eds). *Mereology and the Sciences*, Berlin: Springer: 53-84.
- [5] 2013. Pre-Socratic Discrete Kinematics (with V. Fano), *Disputatio*, V(35): 427-443.
- [4] 2011. Quantum Ontology and Extensional Mereology (with V. Fano and G. Tarozzi), *Foundations of Physics* 41 (11): 1740-1755.
- [3] 2011. Persistence and Change in Minkowski Spacetime, *Logic and Philosophy of Science* 9 (1): 325-342.
- [2] 2010. Three-Dimensionalism and Formal Theories of Location, in B.Smith, R.Mizoguchi, S.Nakagawa (eds.), *Interdisciplinary Ontology 3*, Keyo University Press, Tokyo: 69-78.
- [1] 2010. Minimality, Geometry and Simultaneity, *Iris* 4: 451-468.

Selected Lectures & Conferences

- 2021 **How to Build Things from Atoms**, University of Oxford, [*].
- How to Build Things from Atoms**, University of Tübingen, [*].
- Making Determinable Indeterminacy Precise**, University of Lisbon, [*].
- How to Build Things from Atoms**, Bilkent University (Ankara), [*].
- Quantum Coherentism**, University of Grenoble, [*].
- Quantum Monism**, University of Bologna, [*].

- Simples, Complexes, and Extension**, University of Turin.
Lewis On Persistence, University of Milan, [*].
- 2020 **Quantum Fragmentalism**, University of Chicago.
Quantum Monism, University of Oxford, [*].
Quantum Realtional Indeterminacy, University of Leeds, [*].
Quantum Fragmentalism, University of Leiden, [*].
Priority Monism, Dependence, and Fundamentality, University of Neuchâtel, [*].
Quantum Fragmentalism, University of Milan, [*].
Quantum Fragmentalism, University of Turin, [*].
- 2019 **The Multilocation Dilemma**, University of Toronto.
Quantum Indeterminacy, Dartmouth College (New Hampshire), [*].
Indeterminacy and Modality in a Quantum World, Lingnan University (Hong Kong), [*].
Indeterminacy and Modality in a Quantum World, University of Barcelona, [*].
Simples, Complexes, and Extension, University of Bern.
Simples, Complexes, and Extension, University of Venice, [*].
Quantum Monism, Catholic University of Milan.
Relativistic Metaphysics, University l'Aquila, [*].
- 2018 **Simples, Complexes, and Extension**, University of Buenos Aires.
Simples, Complexes, and Extension, University of Lund, [*].
Simples, Complexes, and Extension, University of Lisbon.
Quantum Monism, University of Lausanne.
Quantum Metaphysical Indeterminacy, State University of Milan, [*].
- 2017 **Composition and Submergence**, Fordham University (NYC).
Composition and Submergence, Institute of Advanced Studies Pisa, [*].
The Many as Modes of the Wave, University of Munich.
Towards Coherentist Quantum Mechanics, University of Munich.
Metaphysics of Composition is Identity, College des France (Paris), [*].
Metaphysics of Composition is Identity, University of Tübingen, [*].
Quantum Composition, University of Tübingen, [*].
Quantum Metaphysical Indeterminacy, University of Krakow, [*].
Quantum Metaphysical Indeterminacy, University of Bergamo.
Quantum Metaphysical Indeterminacy, USI Lugano.
- 2016 **Quantum Metaphysical Indeterminacy**, University of Geneva, [*].
Quantum Monism, University of Leeds, [*].
The Many as Modes of the Wave, University of Padova.
Composition, Identity and Emergence, University of Padova.

- Quantum Monism**, New Bulgarian University in Sofia.
Algebraic Generalism and Weak Individualism, University of Tübingen.
O World of Many Worlds, University of Urbino, [*].
- 2015 **Beautiful Monsters, Innocent Monsters**, University of Rotterdam, [*].
Metaphysics of Composition is Identity, American University at Beirut.
Persistence, Invariance, Variation, University of Rome³.
- 2014 **Entanglement, Composition, and Identity**, University of Oxford.
Composition is Identity and Mereological Nihilism, Bogazici University (Istanbul).
Composition is Identity and Mereological Nihilism, University of Rotterdam, [*].
Composition is Identity and Mereological Nihilism, University of Bergamo.
Relativistic Persistence, Relativistic Change, University of Florence.
Relativistic Persistence, Relativistic Change, University of Rome³.
Relativistic Persistence, Relativistic Change, State University of Milan.
- 2013 **Composition is Identity and Quantum Mechanics**, Max Planck Institute Berlin.
Composition is Identity and Quantum Mechanics, University of Geneva.
Composition is Identity and Quantum Mechanics, University of Bergamo.
- 2012 **Relativistic Parts, Relativistic Location**, University of Utrecht.
On a new Result in Quantum Mechanics, Max Planck Institute Berlin.
Relativistic Persistence, Relativistic Change, University of Barcelona.
Quantum Mechanics and Priority Monism, University of Rome³.
- 2011 **Relativistic Persistence and Relativistic Change**, University of Toronto.
Quantum Ontology and Extensional Mereology, University of Leuven-La Neuve, [*].
Quantum Ontology and Extensional Mereology, San Raffaele University Milan.
Extensionalism, Multilocation and Persistence, San Raffaele University Milan.
- 2010 **Three-Dimensionalism and Formal Theories of Location**, Keyo University Tokio .

—[*]: Invited and/or Plenary Speaker.

Teaching

- 2021-2022 **Instructor**, [25] *Physics and Metaphysics: Persistence*, USI, Lugano.
Instructor, [24] “*The inmost force which binds the world and guides its course*”: *The Structure of Fundamental Reality*, University of Geneva [*].

- 2020-2021 **Instructor**, [23] *Physics and Metaphysics: Time*, USI, Lugano.
Instructor, [22] *Ontology Meets Science*, University of Geneva [*].
- 2019-2020 **Instructor**, [21] *Topics in the Philosophy of Science*, USI, Lugano [*].
Instructor, [20] *Introduction to Quantum Mechanics*, ISFI, Faculty of Theology, Lugano .
- 2018-2019 **Instructor**, [19] *Fundamentality*, University of Geneva [*].
Instructor, [18] *Philosophical Writing*, USI, Lugano [*].
- 2017-2018 **Instructor**, [17] *Metaphysics of Science*, University of Geneva [*].
Instructor, [16] *The Metaphysics of Special Relativity*, ISFI, Faculty of Theology, Lugano.
- 2015-2016 **Instructor**, [15] *Introduction to Metaphysics*, University of Urbino [*].
Instructor, [14] *Logic for Philosophy*, University of Urbino [*].
- 2014-2015 **Instructor**, [13] *Metaphysics and Literature*, University of Florence [*] .
Instructor, [12] *Logic for Philosophy*, University of Florence [*].
Instructor, [11] *Metaphysics and Literature* (Fall), University of Urbino.
Instructor, [10] *Philosophy of Science: Introduction to Quantum Mechanics*, University of Urbino [*].
- 2013-2014 **Instructor**, [9] *Philosophy of Time.*, University of Urbino [*].
Instructor, [8] *Philosophy of Nature: Material Objects in Physics and Metaphysics*, University of Urbino [**].
- 2011-2012 **Instructor**, [7] *Parthood and Location*, University of Urbino [*].
Instructor, [6] *Philosophy of Nature: Zeno's Paradoxes*, University of Urbino.
Instructor, [5] *Mereology*, University of Urbino [**].
- 2010-2011 **Instructor**, [4] *Introduction to Metaphysics*, University of Urbino [*].
Instructor, [3] *Mereology*, University of Urbino [**].
- 2009-2010 **Instructor**, [2] *Philosophy of Science: Introduction to the Special Theory of Relativity*, University of Urbino [*].
Instructor, [1] *Mereology and Set-Theory*, University of Urbino [**].

—[n]: Courses taught in English; [*] M.A course; [**] Ph.D course.

—[25], [23] with D. Costa; [24] with D. Schroeren; [22] with R. Michels; [19], [17] with C. Wütrich.

Supervision of Junior Research

Post-Docs

- [1] David Schroeren. 2020-2023. *The Metaphysics of Quantum Objects*. University of Geneva.

PhD Students

- [4] Mattia Sorgon—co-supervisor 2022. *New Work for the Stage Theory*. University of Alberta, Canada.

- [3] Ryan Miller. 2020-2024. *Quantum Considerations in the Metaphysics of Levels*. University of Geneva.
- [2] Maria Nørgaard. 2020-2024. *New Categories for Quantum Systems: Processes and Tropes*. University of Geneva.
- [1] Cristian Mariani—co-supervisor 2020. *Quantum Indeterminacy and the Open Future*. University of Milan, Italy.

M.A Students

- [4] Alessandro Cecconi. 2021. *Monsters, cats and statues. From Standard Mereology to Hylomorphism and Back Again*. USI, Lugano.
- [3] Alberto Tassoni—co-supervisor 2019. *Unsuccessful Realism*. USI, Lugano.
- [2] Antonella Foligno. 2014. *Incongruent Counterparts and the Nature of Space*. University of Urbino.
- [1] Giada Renzoni. 2014. *Parthood and Divisibility*. University of Urbino.

B.A Students

- [1] Rossana Raviola—co-supervisor 2010. *Four-Dimensionalism*. University of Florence.

Visiting Students

- [2] Julia Zimmerman. 2021-2022. *Persistence in Metaphysics and Physics*. University of Bonn.
- [1] Cristian Mariani. 2019. *Quantum Indeterminacy and the Open Future*. University of Milan.

Services to the Profession

Refereeing

- Referee—multiple times for each journal and publisher—for: *American Philosophical Quarterly*, *Analysis*, *Analytic Philosophy*, *APhEx*, *Argumenta*, *Australasian Journal of Philosophy*, *Axiomathes*, *British Journal for the Philosophy of Science*, *Canadian Journal of Philosophy*, *dialectica*, *European Journal for the Philosophy of Science*, *Erkenntnis*, *Foundations of Physics*, *Humana.Mente*, *International Studies in the Philosophy of Science*, *Isonomia*, *Journal for the General Philosophy of Science*, *Journal of Philosophy*, *Journal of the APA*, *Mind*, *Noûs*, *Pacific Philosophical Quarterly*, *Philosophy of Science*, *Philosophical Enquiries*, *Philosophical Studies*, *Synthese*, *Studies in the History and Philosophy of Modern Physics*, *ResPhilosophica*, *Teorema*, *Theoria*, *Thought*, *Topoi*, *Bloomsbury*, *Cambridge University Press*, *DeGrutier*, *Oxford University Press*, *Palmgrave*, *Routledge*, *Springer*, *Internet Encyclopedia of Philosophy*, *Italian Ministry of Scientific Research*, *Polish Institute for Scientific Research*.

Conference Organization

- **Organization and Funding** for the following conferences—among others: *The Nature of Quantum Objects*, *Relational Quantum Mechanics*, *Wavefunction Realism*, *Mereology and Its History*, *Metaphysics and the Sciences*, *Basically. Fundamentality & Beyond*, *Quantum Indeterminacy*, *Quantities*, *On What Grounds: Grounding, Dependence, and Fundamentality*, *Fundamentality in Physics and Metaphysics*, *Spacetime and Fundamentality*, *Grounding the Quantum World*, *International Summer School in Philosophy of Physics* (4 years); *Lectiones Commandinianae* (4 years); *International Conference of the Italian Society of Logic and Philosophy of Science* (3 years); *Barcelona-Urbino Research Meeting* (3 years); *Max Planck Institute Berlin-Urbino Research Meeting* (3 years); *International Academy of Science*. Various international workshops in metaphysics, logic, and philosophy of science.

Editorial Board

- Editor: *dialectica*.

Outreach

- *What is Metaphysics of Science?* At: <https://www.philosophie.ch/it/raccolta-articoli/che-cos-e-la-metafisica-della-scienza>.

Memberships

- *eidos* —The center for Metaphysics [Internal Manager], Geneva, <https://eidoscentre.org/>.
- The Geneva Symmetry Group—Research Group in Philosophy of Physics, Geneva, <https://genevasymmetrygroup.wordpress.com/>.
- Membership to Philosophical Societies: SIFA, SILFS, ESAP, EPSA, Swiss Society of Philosophy, Swiss Society for the Philosophy of Science.

Languages

- **Italian:** Mother Tongue
- **English:** Fluent
- **French:** Basic

References

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| ○ Achille Varzi
John Dewey Professor of Philosophy
Columbia University, NYC
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Chair of Analytic Philosophy
University of Geneva
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| ○ Jessica Wilson
Full Professor of Philosophy
University of Toronto
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