

# Curriculum Vitae

**Claudio Calosi**

Assistant Professor— Philosophy

✉ University of Geneva  
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## Current Position

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2020-onwards | Assistant Professor, University of Geneva.  
| Visiting Professor, USI—Lugano.

## Academic History

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2020 (January-March)	Visiting Professor, University of Leeds.
2017- 2020	Post-Doc & Lecturer, University of Geneva.
2017-2019	Post-Doc & Lecturer. USI, Lugano.
2015-2017	Post-Doc. University of Neuchâtel (Supervisor: Fabrice Correia).
2010- 2015	Post-Doc & Lecturer. University of Urbino, Foundations of Science.
2009	Visiting Research Scholar. New York University, Philosophy. (Sponsor: T. Sider).
2008	Visiting Research Scholar. University of California at Irvine, LPS. (Sponsor: D. Malament).
2005- 2006	Visiting Research Scholar. University of Pittsburgh, HPS. (Sponsor: J.Earman).

## Area of Specialization

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Philosophy of Science (esp. Physics), Metaphysics of Science, Metaphysics, Formal Ontology.

## Area of Competence

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Logic, Philosophy and Literature.

## Current PI-Projects

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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 £)

## Education

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- 2010 | Ph.D Philosophy. University of Florence. PhD Thesis: *Time and Objects in Minkowski Spacetime*.  
2004 | B.A Philosophy. University of Florence. B.A Thesis: *Geocronometric Conventionalism*.

## Selected Publications

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### Books

- [3] 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.

(English Translation in Progress: *The tribulacions of philosophye. A Metaphysicall Comedye wherein 'tis told of the Errours and the Peynes of Helle*).

### Edited Volumes

- [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

- [35] 2021. Quantum Indeterminacy. *Philosophy Compass* 16 (4): e12731.  
[34] Forthcoming. Quantum Indeterminacy and the Double-Slit Experiment (with J. Wilson). *Philosophical Studies*.  
[33] Forthcoming. Quantum Relational Indeterminacy (with C. Mariani). *Studies in History and Philosophy of Modern Physics*.  
[32] Forthcoming. Is the World a Heap of Quantum Fragments? (with S. Iaquinto). *Philosophical Studies*.  
[31] Forthcoming. The Multilocation Trilemma (with D. Costa). *Erkenntnis*.  
[30] Forthcoming. Determinables, Location, and Indeterminacy. *Synthese*. DOI: 10.1007/s11229-019-02336-0.  
[29] Forthcoming. Interpreting Quantum Entanglement. Steps Towards Coherentist Quantum Mechanics (with M. Morganti). *The British Journal for the Philosophy of Science*. DOI: axy064.  
[28] Forthcoming. Is Parthood Identity? *Synthese*. DOI: 10.1007/s11229-018-02057-w.  
[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.

## Lectures and Conferences

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- 2021 | *How To Build Things from Atoms*, University of Oxford, Ankara  
*Making Determinable Indeterminacy Precise*, University of Lisbon  
*How To Build Things from Atoms*, Bilkent University, Ankara.  
*Quantum Coherentism*, University of Grenoble.  
*Quantum Monism*, OntoCommons, University of Bologna.
- 2020 | *Quantum Fragmentalism*, University of Chicago.  
*Quantum Monism*, University of Oxford.  
*Quantum Relational Indeterminacy*, University of Leeds.  
*Quantum Fragmentalism*, University of Leiden.  
*Quantum Monism*, University of Vienna.  
*Priority Monism, Dependence and Fundamentality*, University of Neuchâtel.  
*Quantum Fragmentalism*, University of Turin.  
*Quantum Fragmentalism*, University of Milan.
- 2019 | *The Multilocation Dilemma*, University of Toronto.  
*Quantum Indeterminacy*, Dartmouth College, Hanover, 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.  
*Quantum Monism*, Catholic University of Milan.  
*On the Impossibility of Mereological Changes*, University of Neuchâtel.  
*Simples, Complexes, and Extension*, University of Venice.  
*Relativistic Metaphysics*, University of L'Aquila.
- 2018 | *Simples, Complexes and Extension*, University of Buenos Aires.  
*Simples, Complexes and Extension*, Lund University.  
*Simples, Complexes and Extension*, University of Lisbon.  
*Quantum Monism*, University of Lausanne.  
*Quantum Metaphysical Indeterminacy*, 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.  
*The Metaphysics of Composition is Identity*, College de France, Paris.  
*Composition as Identity*, University of Tübingen.  
*Quantum Composition*, University of Tübingen.  
*Quantum Metaphysical Indeterminacy*, University of Krakow.  
*Quantum Metaphysical Indeterminacy*, University of Lugano.

- | *Quantum Metaphysical Indeterminacy*, University of Bergamo.  
 | *Locational Problems for Locational Endurantism*, University of Rome 3.  
 | *Locational Problems for Locational Endurantism*, University of Milan.
- 2016 | *Quantum Metaphysical Indeterminacy*, University of Geneva.  
 | *Quantum Mechanical Monism*, University of Leeds.  
 | *Quantum Mechanical Monism*, University of Geneva.  
 | *Quantum Mechanical Monism*, New Bulgarian University of Sofia.  
 | *Quantum Mechanical Monism*, University of Padova.  
 | *Algebraic Generalism and Weak Individualism*, University of Tübingen.  
 | *O World of Many Worlds*, University of Urbino.  
 | *The Many as Modes of the Wave*, University of Padova.  
 | *Composition, Identity and Emergence*, University of Padova.
- 2015 | *Beautiful Monsters, Innocent Monsters*, University of Rotterdam.  
 | *The Physics and Metaphysics of Composition and Identity*, American University at Beirut.  
 | *Composition, Identity and Emergence*, University of Milan.  
 | *Persistence, Invariance and Variation*, University of Rome 3.
- 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 Bergamo.  
 | *Composition is Identity and Mereological Nihilism*, University of Rotterdam.  
 | *Relativistic Persistence, Relativistic Change*, University of Florence.  
 | *Relativistic Persistence, Relativistic Change*, University of Rome 3.  
 | *Relativistic Persistence, Relativistic Change*, University of Milan.
- 2013 | *Composition and Identity in Quantum Mechanics*, Max Planck-Institute, Berlin.  
 | *Composition and Identity in Quantum Mechanics*, University of Geneva.  
 | *Composition and Identity in Quantum Mechanics*, University of Bergamo.  
 | *Relativistic Persistence, Relativistic Change*, University of Padova.
- 2012 | *Relativistic Persistence, Relativistic Change*, Universitat Autònoma Barcelona.  
 | *Quantum Mechanics and Priority Monism*, University of Urbino.  
 | *Is the Mind a Quantum Computer?*, Académie Internationale de Philosophie des Sciences.  
 | *Relativistic Parts and Relativistic Locations*, University of Utrecht.  
 | *On a New Result in Quantum Mechanics*, Max Planck Institute, Berlin.
- 2011 | *Persistence and Change in Minkowski Spacetime*, University of Toronto.  
 | *Quantum Ontology and Extensional Mereology*, University of Louvain-La Neuve.  
 | *Quantum Ontology and Extensional Mereology*, University of Milan- San Raffaele.  
 | *Extensionalism, Multilocation and Underdetermination*, University of Milan- San Raffaele.  
 | *Time in Special theory of Relativity*, University of Bergamo.
- 2010 | *Three-Dimensionalism and Formal Theories of Location*, Keio University, Tokyo.

## Departmental Colloquia

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- 2018 | *Simples, Complexes and Extension*, University of Neuchâtel.
- 2017 | *Quantum Metaphysical Indeterminacy*, University of Neuchâtel.  
 | *Identity and Mereology*, University of Neuchâtel
- 2016 | *Locational Problem for Locational Endurantism*, University of Neuchâtel.  
 | *The Devilish Paradox of Infinite Divisibility*, University of Neuchâtel.

- 2015 | *Composition, Identity, and Emergence*, University of Neuchâtel.  
*Entanglement, Emergence, and Monism*, University of Geneva.
- 2013 | *Relativistic Persistence, Relativistic Change*, University of Urbino.  
*The Metaphysics of Special Relativity*, University of Urbino.
- 2008 | *Conventionality and Simultaneity*, University of Florence.  
*Relativity Theory and the Reality of Time*, University of Florence.
- 2006 | *Swinburne and the Topology of Time*, University of Pittsburgh.

## Teaching

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- 2021-2022 | [25] *Philosophy of Time* (Spring), USI, Lugano—with D.Costa.[\*]  
[24] *The Structure of the World* (Fall), University of Geneva—with D. Schroeren. [\*]
- 2020-2021 | [23] *Philosophy of Time* (Spring), USI, Lugano—with D.Costa.[\*]  
[22] *Ontology and Science* (Fall), University of Geneva—with R. Michels. [\*].
- 2019-2020 | [21] *Topics in the Philosophy of Science* (Fall), USI, Lugano. [\*]  
[20] *Introduction to Quantum Mechanics* (Fall), ISFI, Lugano.
- 2018-2019 | [19] *Fundamentality* —with C. Wüthrich (Fall), University of Geneva. [\*]  
[18] *Philosophical Writing*, (Spring) USI, Lugano. [\*]
- 2017-2018 | [17] *Metaphysics of Science* —with C. Wüthrich (Fall), University of Geneva. [\*]  
[16] *The Metaphysics of Special Relativity*, (Spring) ISFI, Lugano.
- 2015-2016 | [15] *Introduction to Analytic Metaphysics* (Fall), University of Urbino.[\*]  
[14] *Logic for Philosophy* (Spring), University of Urbino. [\*]
- 2014-2015 | [13] *Metaphysics and Literature*(Spring), University of Florence. [\*]  
[12] *Logic for Philosophy* (Spring), University of Florence. [\*]  
[11] *Metaphysics and Literature* (Fall), University of Urbino.  
[10] *Philosophy of Science: Quantum Mechanics* (Fall), University of Urbino. [\*]
- 2013-2014 | [9] *Philosophy of Time*. (Fall), University of Urbino. [\*]  
[8] *Material Objects in Physics and Metaphysics* (Spring), University of Urbino. [\*\*]
- 2011-2012 | [7] *Parthood and Location* (Spring), University of Urbino. [\*]  
[6] *Philosophy of Nature. Zeno's Paradoxes* (Fall), University of Urbino. [\*]  
[5] *Mereology* (Spring), University of Urbino. [\*\*]
- 2010-2011 | [4] *Introduction to Analytic Metaphysics* (Fall), University of Urbino. [\*]  
[3] *Mereology* (Spring), University of Urbino. [\*\*]
- 2009-2010 | [2] *Philosophy of Science. Special Theory of Relativity* (Fall), University of Urbino. [\*]  
[1] *Mereology and Set-Theory*—with P. Graziani (Spring), University of Urbino. [\*\*]

[n]: Courses taught in English. [\*] = M.A Course; [\*\*] = Ph.D Course.

# Supervision of Junior Research

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## Post-Doctoral Fellows

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

## Ph.D Students

[4] Mattia Sorgon—co-supervisor 2021. *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—co-supervisor 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.

## Projects and Grants

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– Research project (SNF-Eccellenza Professorship): *The Metaphysics of Quantum Objects*, 2020-2025. Swiss National Foundation (SNF) —CHF 1.435.611.

– Research Project: *Quantities*, 2016-2019. Swiss National Foundation (SNF) —CHF 235.000.

– Summer School: *Time, Time, Time: Science, Philosophy, and Art—Part I*. 2018. University of Geneva, USI, Swiss Italian Institute —CHF: 10.000.

– Summer School: *Time after Time: Science, Philosophy, and Art—Part II*. 2019. University of Geneva, USI, Swiss Italian Institute —CHF: 10.000.

## Services to the Profession

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### 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*, *Palmgrave*, *Springer*, *Internet Encyclopedia of Philosophy*, *Italian Ministry of Scientific Research*, *Polish Institute for Scientific Research*.

### Conference Organization

**Organization** and **Funding** for the following conferences:

*Quantum Objects: Physics and Metaphysics*, *Relational Quantum Mechanics*, *On 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 Boards

Member of the editorial board of: *dialectica*.

### Outreaching

*What is Metaphysics of Science?*

At: <https://www.philosophie.ch/it/raccolta-articoli/che-cos-e-la-metafisica-della-scienza>

### Memberships

- Member of: *eidōs* —the center for Metaphysics [Internal Manager], The Geneva Symmetry Group.
- Membership to Philosophical Societies: SIFA, SILFS, ESAP, ESPA, Swiss Society of Philosophy, Swiss Society for the Philosophy of Science.



## References

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[1] Achille Varzi  
Professor of Philosophy  
Columbia University  
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[2] Fabrice Correia  
Professor of Analytic Philosophy  
University of Geneva  
[fabrice.correia@unige.ch](mailto:fabrice.correia@unige.ch)

[3] Kevin Mulligan  
Professor of Philosophy  
University of Geneva, and USI  
[Kevin.Mulligan@unige.ch](mailto:Kevin.Mulligan@unige.ch)

[4] Jessica Wilson  
Professor of Philosophy  
University of Toronto  
[jessica.m.wilson@utoronto.ca](mailto:jessica.m.wilson@utoronto.ca)

[5] Cody S. Gilmore  
Professor of Philosophy  
University of California at Davis  
[csgilmore@ucdavis.edu](mailto:csgilmore@ucdavis.edu)

[6] Thomas Sattig  
Professor of Theoretical Philosophy  
University of Tuebingen  
[thomas.sattig@uni-tuebingen.de](mailto:thomas.sattig@uni-tuebingen.de)