

# Claudio Calosi

*Professor of Philosophy*

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🌐 <https://claudiocalosi.xyz/>

## Current Position

- 2020– **Assistant Professor of Philosophy**, University of Geneva, Dept. of Philosophy.
- 2020– **Visiting Professor**, USI, Lugano.
- 2021–2023 **Visiting Professor**, University of Trento, Faculty of Philosophy.
- Nov. 2022 **Visiting Professor**, UNAM, Mexico City.

## Academic History

- 2022(Jan–July) **Visiting Faculty**, University of Oxford, Faculty of Philosophy—Oriol College.
- 2020 **Visiting Faculty**, University of Leeds.  
(Jan–Apr)
- 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, Metaphysics of Science, Philosophy of Physics

## Area of Competence

- Philosophical 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 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

- [2] Under Contract. *Things in Places. The Metaphysics and Logic of Location* (with F. Correia) Oxford: Oxford University Press.
- [1] 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.

### Edited Volumes—Books

- [2] 2021. *Experience, Abstraction, and the Scientific Image of the World* (with P. Graziani, G. Tarozzi) Milan, Franco Angeli.
- [1] 2014. *Mereology and the Sciences* (with P. Graziani) Berlin, Springer. ISBN: 978-3-319-05355-4.

### Edited Volumes—Journals

- [2] Forthcoming. Relational Quantum Mechanics. Perspectives and Developments. *Foundations of Physics*.
- [1] 2011. Physics and Metaphysics. *Humana.Mente*.

### Selected Articles

- [49] Forthcoming. Extended Simples, Unextended Complexes. *Journal of Philosophical Logic*.
- [48] Forthcoming. Quantum Modal Indeterminacy. *Studies in History and Philosophy of Science*.
- [47] Forthcoming. The One Magic Wave. Quantum Monism Meets Wavefunction Realism. *The British Journal for the Philosophy of Science*.
- [46] Forthcoming. Fine's Monster Objection Defanged (with D. Costa and A. Ceconi). *The Philosophical Quarterly*.

- [45] 2022. Inheriting Harmony. *Analysis* 82 (1): 23-32.
- [44] 2022. The Bound State Answer to the Special Composition Question. *Philosophy of Science* 89: 486-503.
- [43] 2022. On the Contingency of Universalism. *Erkenntnis*. <https://link.springer.com/article/10.1007%2Fs10670-021-00439-0>.
- [42] 2022. 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.
- [41] 2022. There are No Saints. Or, Quantum Multilocation. *Grazer Philosophische Studien* 99: 30-49.
- [40] 2022. The Multilocation Trilemma (with D. Costa). *Erkenntnis* 87: 1063-1079.
- [39] 2021. The General Realistic Case for Supersubstantivalism (with P. Dürr). *Synthese* 199: 13789-13822.
- [38] 2021. Gappy, Glutty, Glappy. *Synthese* 199: 11305-11321.
- [37] 2021. Quantum Indeterminacy and the Double-Slit Experiment (with J. Wilson). *Philosophical Studies*, 178: 3291-3317.
- [36] 2021. Interpreting Quantum Entanglement. Steps Towards Coherent 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.

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## Selected Lectures & Conferences

- 2022 **Extensionalism and Universalism**, University of Oxford, [†].  
**Wavefunction Monism**, University of Oxford, [†].  
**Regions are Nowhere**, University of Bristol, [†].  
**Determination and Indeterminacy**, Central European University, Wien, [†].  
**Wavefunction Monism**, University of Warsaw, [†].  
**How to Build Things from Atoms**, University of L'Aquila, [†].  
**Extensionalism and Universalism**, USI, Lugano, [†].  
**Monism, Dependence and Fundamentality**, Catholic University of Milan, [†].
- 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 Relational 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

- 2022-2023 **Instructor**, [32] *Physics and Free Will*, University of Geneva[\*].  
**Instructor**, [31] *Incompleteness: Metaphysics and Mind*, University of Geneva [\*].  
**Instructor**, [30] *Physics and Metaphysics: Persistence*, USI, Lugano [\*].  
**Instructor**, [29] *Philosophical Writing*, USI, Lugano [\*].
- 2021-2022 **Instructor**, [28] *Metaphysics of Science*, Freie University, Berlin [\*].  
**Instructor**, [27] *Formal and Material Ontology*, University of Trento [\*].  
**Instructor**, [26] *Physics and Metaphysics: Time*, USI, Lugano [\*].  
**Instructor**, [25] “*The inmost force which binds the world and guides its course*”: *The Structure of Fundamental Reality*, University of Geneva [\*].  
**Instructor**, [24] *Philosophical Writing*, USI, Lugano [\*].
- 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.

—[28] with L. Vogt; [25], [23], [26], [30] with D. Costa; [25], [32] 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

- [6] Jacopo Rosino—co-supervisor 2022-2025. *Extnded Simples, Unextended Complexes*. University of Lisbon.
- [5] Tim Riedel—co-supervisor 2021-2024. *Probing the Ontology of Relational Quantum Mechanics*. University of Geneva.
- [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.

—External reader and examiner for: Laurie Lertertre (University of Grenoble), Alberto Corti (University of Urbino/Geneva), Giovanni Bonocore (University of Florence), Tommaso Zucatti (University of Trento).

### Master Students

- [5] Antonio Freiles. 2022. *Rescuing the Modal Account of Dependence*. USI, Lugano.
- [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.

—External reader and examiner for: Danny Worldle (University of Adelaide), Marco Marabello (USI), Lorenzo Lorenzetti (USI).

### B.A Students

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

### Visiting

- [4] Albert Solé. 2022-2023. *Quantum Ontology*. University of Barcelona.
- [3] Mayra Moreira. 2021-2022. *Quantum Processes*. UFMG—Universidade Federal de Minas Gerais.
- [2] Jacopo Giraldo. 2021-2022. *Extended Simples: Metaphysics and Physics*. University of Florence.
- [1] Cristian Mariani. 2019. *Quantum Indeterminacy and the Open Future*. University of Milan.

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## Services to the Profession

### Refereeing

- Referee—multiple times for each journal and publisher—for: **Journals:** *American Philosophical Quarterly, Analysis, Analytic Philosophy, APhEx, Argumenta, Australasian Journal of Philosophy, Axiomathes, The 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, Philosopher's Imprint, Philosophy of Science, Philosophical Enquiries, Philosophical Studies, Synthese, Studies in the History and Philosophy of Modern Physics, ResPhilosophica, Teorema, Theoria, Thought, Topoi*; **Publishers:** Bloomsbury, Cambridge University Press, DeGrutier, Oxford University Press, Palmgrave, Routledge, Springer; **Encyclopedias and Agencies:** *Internet Encyclopedia of Philosophy, Italian Ministry of Scientific Research, Polish Institute for Scientific Research, ERC—European Commission.*

### Conference Organization

- **Organization and Funding** for the following conferences—among others: *Location, Location, Location, Mereology and Location, The Nature of Quantum Objects, Material Objects, Relational Quantum Mechanics, Wavefunction Realism, Material Objects, 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, APhEx.*

### 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: 2017-2020], 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, Society for the Metaphysics of Science, Swiss Society of Philosophy, Swiss Society for the Philosophy of Science.

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## Languages

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

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## References

- **Achille Varzi**  
John Dewey Professor of Philosophy  
Columbia University, NYC  
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- **Fabrice Correia**  
Chair of Analytic Philosophy  
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- **Gonzalo Rodriguez-Pereyra**  
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- **Christian Wütrich**  
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