

Elio La Rosa

Curriculum Vitae, November 2025

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Positions

10/2020– **PhD Student**, *Ludwig-Maximilians-Universität*, Supervised by Prof. Dr. Dr. Hannes Leitgeb and Dr. Norbert Gratzl.

Education

10/2016–03/2019 **M.A. in Logic and Philosophy of Science**, *Munich Center for Mathematical Philosophy (MCMP)*, *Ludwig-Maximilians-Universität*,
Final grade: 1.52. Thesis: *Sequent Calculi for HYPE's Logic and Model Theory*, supervised by Dr. Norbert Gratzl and Prof. Dr. Dr. Hannes Leitgeb.

10/2012–09/2015 **B.A. in Philosophy**, *Università degli Studi di Catania*,
Final grade: 110 cum laude. Thesis: *Cellular Automata: Formal and Emergent Properties*, supervised by Prof. Giovanni Camardi.

Research Interests

Area of Specialization Modal, Conditional, Hyperintensional, Non-Classical and First-Order Logic, Indefinite Descriptions, Proof Theory, Mathematical Structuralism.

Area of Competence Philosophy of Logic, General Philosophy of Science.

Publications

- 2024 '[Patches, Patchworks, and Epsilon Terms: A Neo-Carnapian Account of Theoretical Terms in Science](#)', with Matteo De Benedetto. *Journal of Philosophical Logic* 53, 1495–1517.
- 2022 '[Modular non-deterministic semantics for T, TB, S4, S5 and more](#)', with Pawel Pawlowski. *Journal of Logic and Computation*, 32(1), 158–171.
- 2021 '[Higher-level inferences in the strong-Kleene setting: A proof-theoretic approach](#)', with Pablo Cobreros and Luca Tranchini, *Journal of Philosophical Logic*, 51, 1417–1452.
- 2021 '[\(I can't get no\) antisatisfaction](#)', with Pablo Cobreros and Luca Tranchini, *Synthese*, 198(9), 8251–8265.

Talks

Invited

- 25–27/11/2025 'Conservative Extensions of Intuitionistic Logic with Epsilon Terms over Predicate Abstraction', *Epsilon Calculus: Logic, History and Philosophy*, Universität Wien.
- 03/06/2025 'Non-classical Predicate Logics, Abstracted Away', [Logic in Philosophy](#), University of Dubrovnik (online).

- 02/12/2024 'Unrestricted Connexivity in Choice-functional Frames, over Classical Logic', [Applications of Logic](#), Slovak Academy of Science, Bratislava.
- 20/03/2024 'Epsilon Modal Logics', [Proof, Argumentation, Computation, Modalities And Negation \(PACM \$\wedge\$ N\)](#), University of Verona.
- 15/01/2024 'Epsilon Modal Logics', [World Logic Day in Vienna \(WLD24\)](#), Central European University, Vienna.
- 07/11/2022 'Non-deterministic Connectives and Epsilon Modal Logic', [1st Workshop on Non-deterministic Semantics for Modal Logics](#), Ruhr-Universität Bochum.
- 13/08/2021 'Higher-level inferences in the Strong-Kleene setting: A proof-theoretic approach', [X Workshop on Philosophical Logic](#), University of Buenos Aires (online).

Contributed

- 08/07/2025 'Conservative Extensions of Intuitionistic Logic with Epsilon Terms over Predicate Abstraction', [Logic Colloquium 2025](#), Technische Universität Wien.
- 11/06/2025 'Unrestricted Connexive Conditionals, over Classical Logic', [SILFS Postgraduate Conference on Logic and Philosophy of Science](#), University of Torino.
- 14/06/2024 'Epsilon Modal Logics', [Twelfth Scandinavian Logic Symposium](#), Reykjavik University.
- 05/10/2023 'Epsilon Modal Logics', [PhDs in Logic XIV](#), University of Granada.
- 28/09/2023 'Epsilon Modal Logics', [MOSAIC Workshop 2023](#), Technische Universität Wien.
- 05/09/2023 'Epsilon Modal Logics', [SILFS 2023 Triennial International Conference](#), University of Urbino.
- 24/05/2023 'A New Substructural Logic: Classical Logic', [PLEXUS Inaugural Conference](#), Centre for Philosophy of Sciences of the University of Lisbon.
- 13/09/2022 'Patchworks, Contexts, and Epsilon Terms: A neo-Carnapian account of theoretical terms in science', with Matteo De Benedetto, [Gesellschaft für Analytische Philosophie GAP.11](#), Humboldt-Universität zu Berlin.
- 20/07/2022 'First-order Strict-tolerant duality', [Trends in Logic XXII Workshop](#), University of Cagliari (online).
- 24/06/2022 'Patchworks, Contexts, and Epsilon Terms: A neo-Carnapian account of theoretical terms in science', with Matteo De Benedetto, [Hi-Phi International Conference](#), University of Lisbon.
- 13/06/2022 'Patchworks, Contexts, and Epsilon Terms: A neo-Carnapian account of theoretical terms in science', with Matteo De Benedetto, [SILFS Postgraduate Conference on Logic and Philosophy of Science](#), University of Milano-Bicocca.
- 25/11/2021 'Yes fellows, well-known modal logics are at most 8-valued', with Pawel Pawlowski, [3rd Non-classical Modal and Predicate Logics Conference](#), Ruhr-Universität Bochum (online).
- 09/09/2021 'A Nested Sequent Calculus for Quarc', with Edi Pavlovic, [Advances in the Quantified Argument Calculus](#), Central European University (online).
- 09/09/2021 'A labelled sequent calculus for HYPE', [PhDs in Logic XII](#), Freie Universität Berlin (online).
- 19/06/2021 'A labelled sequent calculus for HYPE', [Logical Perspectives 2021 Workshop](#), Steklov International Mathematical Center (online).

- 06/11/2020 'A Constructivist Reading of the Epsilon Calculus', with Mattia Petrolo, [12th French Philmath Workshop](#), University of Lorraine (online).
- 14/01/2020 'Informal provability logics', [Tribute to Kurt Gödel](#), University of Brno.
- 09/10/2019 'A labelled calculus for Dynamic Predicate Logic', [2nd DaLí Workshop. Dynamic Logic: New Trends and Applications](#), Porto.

Colloquium and Internal

- 14/11/2025 'Unrestricted Connexive Conditionals, over Classical Logic', University of Bologna.
- 08/08/2025 'Conservative Extensions of Intuitionistic Logic with Epsilon Terms over Predicate Abstraction', [ExtenDD Seminar](#), University of Lodz (online).
- 09/05/2025 'Unrestricted Connexivity, over Classical Logic', [DIP Colloquium](#), ILLC, University of Amsterdam.
- 30/01/2025 'Unrestricted Connexivity in Choice-functional Frames, over Classical Logic', *Work in Progress Seminar*, MCMP, LMU.
- 29/11/2024 'Epsilon Terms and Lambda Binders', [Arbeitstagung Bern-München-Verona 2024](#), Mathematische Institut, LMU.
- 25/01/2024 'Epsilon Modal Logics', *Work in Progress Seminar*, MCMP, LMU.
- 20/11/2023 'From Carnap's Definition of Theoretical Terms to the Definition of Contexts of Evaluation, via Epsilon Modal Logics', *Logik Café*, Universität Wien.
- 17/04/2023 'Patchworks, Contexts, and Epsilon Terms: A neo-Carnapian account of theoretical terms in science', with Matteo De Benedetto, *Logik Café*, Universität Wien.
- 27/01/2022 'Indeterminate Connectives', *Colloquium in Mathematical Philosophy: Logic and Language*, MCMP, LMU (online).
- 04/06/2021 'Free ST!', *Work in Progress Seminar*, University of Buenos Aires (online).
- 14/05/2021 'Syntactic Cut elimination for Epsilon Calculus', *Logic Colloquium*, University of Tübingen (online).
- 21/10/2019 'Informal provability logics', *Logic Colloquium*, University of Tübingen.

Visiting and Schools

- 15–21/09/2024 Autumn School '[Proof and Computation](#)' in Fischbachau, Germany. Participation grant from organizers.
- 10/2023–03/2024 Research visit with the project '[From Carnap's Definition of Theoretical Terms to the Definition of Contexts of Evaluation](#)' at the Institute Vienna Circle, *Universität Wien*.
- 13–17/06/2022 '[Summer School on Truthmaker Semantics](#)', *University of Lugano*. Participation grant from MCMP.
- 23–29/06/2018 '[North American Summer School on Logic, Language and Information](#)', *Carnegie Mellon University*. Participation grant from organizers.
- 22–27/08/2017 Summer School '[Proof Theory in First-Order Logic](#)' of the Kurt Gödel Society, *University of Madeira*. Participation grant from organizers.
- 10/2017–07/2018 M.Sc. classes on Computational Logic, *Technische Universität Wien*.
- 22–26/05/2017 'Munich Philosophy Masterclass' with Graham Priest on Paraconsistent Logic and Dialetheism, *Ludwig-Maximilians-Universität*.

- 07–11/11/2016 Autumn School '[Linear Logic: Interaction, Proofs and Computation](#)', ENS, University of Lyon 3. Participation grant from organizers.
- 24–30/07/2016 '[Hilbert-Bernays Summer School on Logic and Computation](#)', University of Göttingen.
- 02–07/2016 M.A. classes on Logic and Foundations of Mathematics, University of Bologna.

Teaching

Teaching Assistant, MCMP, Ludwig-Maximilians-Universität:

- SoSe25 *Central Topics in Logic and Philosophy*, led by Martin Fischer. Compulsory course for the M.A. in Logic and Philosophy of Science. Syllabus preparation, teaching assistant.
- WiSe22, WiSe23, WiSe24, WiSe25 *Formal Methods I: Introduction to Logic*, led by Norbert Gatzl. Compulsory course for the M.A. in Logic and Philosophy of Science. Tutoring and exercise sessions.
- SoSe23 *Structural Proof Theory*, led by Norbert Gatzl. Elective course for the M.A. in Logic and Philosophy of Science. Tutoring, exercise sessions and presentation of supplementary material.
- WiSe21 *Formal Methods I: Introduction to Logic*, led by Martin Fischer. Compulsory course for the M.A. in Logic and Philosophy of Science. Tutoring, exercise sessions, presentation of supplementary material and correction of exams.
- WiSe21 *Proof and Truth: an Introduction to Ordinal Analysis for Philosophers*, led by Martin Fischer. Elective course for the M.A. in Logic and Philosophy of Science. Tutoring, exercise sessions and presentation of supplementary material.
- WiSe20 *Set Theory, Model Theory, and their Philosophy*, led by Lorenzo Rossi. Elective course for the M.A. in Logic and Philosophy of Science. Tutoring and exercise sessions.

Employment and Scholarships

- 08/2025–02/2026 **Teaching assistant**, Ludwig-Maximilians-Universität, M.A. courses. 4 hrs/week.
- 04/2025–07/2025 **Teaching assistant**, Ludwig-Maximilians-Universität, M.A. courses. 5 hrs/week.
- 11/2024–02/2025 **Teaching assistant**, Ludwig-Maximilians-Universität, M.A. courses. 5 hrs/week.
- 10/2023–03/2024 **Visiting Fellowship**, Institute Vienna Circle, awarded for the research project 'From Carnap's Definition of Theoretical Terms to the Definition of Contexts of Evaluation'.
- 10/2023–02/2024 **Teaching assistant**, Ludwig-Maximilians-Universität, M.A. courses. 5 hrs/week.
- 04/2023–07/2023 **Teaching assistant**, Ludwig-Maximilians-Universität., M.A. courses. 5 hrs/week.
- 10/2022–03/2023 **Teaching assistant**, Ludwig-Maximilians-Universität., M.A. courses. 5 hrs/week.
- 10/2021–02/2022 **Teaching assistant**, Ludwig-Maximilians-Universität., M.A. courses. 6 hrs/week.
- 10/2021–03/2023 **Stipendium**, Ruhr-Universität Bochum., for the research project 'Non-deterministic semantics and quantification', financed by the Sofja Kovalevskaja-Preises awarded to Prof. Hitoshi Omori.
- 06/2021–09/2021 **Project assistant**, Technische Universität Wien., 30 hrs/week.
- 09/2020–01/2021 **Research assistant**, Ludwig-Maximilians-Universität., 20 hrs/week.

Academic Service and other Experiences

Reviewer *Journal of Philosophical Logic*, *Studia Logica*. [ORCID:0000-0002-4800-7610](#).

09/2020 Preparation of the DFG Project application 'Free logics: variants, unification, and some applications' for Doctoral and Post-Doctoral position with Dr. Edi Pavlovic and Dr. Norbert Gratzl. Submitted by Dr. Norbert Gratzl. Post-doctoral position funded.

Language Skills

Italian (native speaker), English (fluent), German (working knowledge).