Fabio De Martin Polo, PhD

EMAIL: demartinpolofabio@hotmail.it
WEBSITE: fabiodemartinpolo.com
ORCID: 0009-0006-7393-6522

EDUCATION

PhD in Philosophy, Ruhr University Bochum — Bochum, Germany — July 2023
Defence Committee: H. Wansing, H. Omori, F. Poggiolesi, Christian Straßer.
Grade: 1/5 magna cum laude
Thesis: *Topics in the Proof Theory of Non-Classical Logics. Philosophy and Applications*

M.A. in Philosophical Sciences, Ca' Foscari University — Venice, Italy — July 2019
P. Pagani, E. Jabara (Advisors). Grade: 110/110 cum laude
Thesis: *Numbers, Objects and Abstraction. Notes on a Philosophical Interpretation of Mathematics*

Visiting Semester, Munich Center for Mathematical Philosophy — Munich, Germany — Summer S. 2018
Ludwig-Maximilian-University, Exchange Student
Courses: Modal Logic, Incompleteness Theorems, Proof Theory, Axiomatic Metaphysics

B.A. in Philosophy, Ca' Foscari University — Venice, Italy — July 2017
L. Perissinotto (Advisor). Grade: 110/110 cum laude
Thesis: *From Logic to Philosophy: On Kurt Gödel's Ontological Argument*

RESEARCH INTERESTS

I am interested in **logic** (especially proof theory, non-classical logics, relational semantics), **philosophy of logic and mathematics** (e.g., inferentialism, practice-based approaches, social and educational aspects), **epistemology** (e.g., the nature of proofs, mathematical and logical knowledge and explanation, feminist logic, logical communities), and **history of logic** (e.g., medieval theories, old forms of logical practices, non-western approaches). In relation to these areas, I have recently developed a strong interest in the **philosophy of mathematical practice**.

PUBLICATIONS

Accepted

De Martin Polo, F. (??). Fusion, fission, and Ackermann's truth constant in relevant logics: A proof-theoretic investigation. In I. Sedlár, S. Standefer, & A. Tedder (Eds.), *New Directions in Relevant Logic*. Cham: Springer (Preprint here).

Articles/Book Chapters/Contributions in Proceedings

De Martin Polo, F. (2023). Discussive logic. A short history of the first paraconsistent logic. In M. Ingolf & J. Lemanski (Eds.), *Historia Logicae* (pp. 267–296). London: College Publications.

De Martin Polo, F. (2023). Modular labelled calculi for relevant logics. *The Australasian Journal of Logic*, *20*(1), 47–87. doi:10.26686/ajl.v20i1.7990

De Martin Polo, F. (2021). A cut-free hypersequent calculus for intuitionistic modal logic IS5. In A. Butler (Ed.), *Proceedings of the 18th International Workshop of Logic and Engineering of Natural Language Semantics 18 (LENLS18), JSAI-isAI2021* (pp. 217–230).

PhD Thesis

De Martin Polo, F. (2023). *Topics in the Proof theory of Non-Classical Logics: Philosophy and Applications* (Doctoral dissertation, Ruhr University Bochum, Institute for Philosophy I, Bochum, Germany. Published online via the University Library. DOI: 10.13154/294-10679).

In preparation/Under review

- "Proof-theoretic analysis of Jaśkowski's Discussive Logic" (submitted to the *Journal of Philosophical Logic*).

- "Beyond Semantic Pollution: Towards a Practice-Based Philosophical Analysis of Labelled Calculi". Under review for *Erkenntnis* (first submitted 06/2023).

- "A Note on Cut-elimination for Intuitionistic Logic with 'Actuality' ". Under review for *The Logic Journal of the IGPL*. Special issue on Non-classical Modal and Predicate Logics (first submitted 10/2022).

- English translation of: W. Ackermann, "Begründung einer Strengen Implikation"'. Originally published in German in *The Journal of Symbolic Logic*, Vol. 21, No. 2 (1956), pp. 113-128 (in preparation).

Unpublished Manuscripts

- Latin-to-Italian translation of William of Sherwood's logic manual *Introductiones in Logicam*, with comments and introduction, 2019 (∼155 pp.).

- *Numbers, Objects and Abstraction. Notes on a Philosophical Interpretation of Mathematics*, Master's thesis, University Ca' Foscari, Venice, 2019.

- *From Logic to Philosophy. Kurt Gödel's Ontological Argument* (in Italian), Bachelor's thesis, University Ca' Foscari, Venice, 2017.

TALKS

(*=invited)

1. *Semantic Proof Systems: Why and How to Stop Worrying*, Workshop on Perspectives on Logic and Philosophy, Ruhr University Bochum, Germany (2023).

2. *On the Proof Theory for Relevant Logics**, Workshop on New Directions in Relevant Logic, online event organised by I. Sedlár, S. Standefer and A. Tedder (2022).

3. *Reduced Routley-Meyer Models and Labelled Sequent Calculi for Relevant Logics*, Autumn Workshop on Proof Theory and its Applications, Utrecht University, Netherlands (2022).

4. *Notes on the Proof Theory for Relevant Logics. From Routley-Meyer Semantics to Labelled Sequent Systems*, Logica Conference, The Premonstratensian Monastery of Teplá, Czech Republic (2022).

5. *Remarks on Jaśkowski's Discussive Logic. Origins, Development and a Little Proof Theory*, The 6th World Congress of Paraconsistency – The 2nd Stanislaw Jaśkowski Memorial Symposium, University of Toruń, Poland (2022).

6. *Cut-elimination for Intuitionistic Logic with Actuality Resolved via Hypersequents*, PhDs in Logic XIII, University of Turin, Italy (2022).

7. *Proof Analysis in Jaśkowski's Discussive Logic. Cut-admissibility and Embedding theorems*, 5th SILFS Postgraduate Conference on Logic and Philosophy of Science, University Bicocca Milan, Italy (2022).

8. *A Cut-free Hypersequent Calculus for Intuitionistic Modal Logic IS5*, Logic and Engineering of Natural Language Semantics 18 (LENLS18), Workshop of the JSAI International Symposia on AI, Keio University, Yokohama, Kanagawa, Japan (2021).

9. *The Art of Paradox**, Lecture on K. Gödel's Incompleteness Theorems for the series Music and Philosophy Meetings 2018, Italian Institute of Sciences, Literature and Arts, Venice, Italy (2018).

Teaching

Ruhr University Bochum (in English)

Course: *Philosophy of Alternative Mathematics*   Winter S. 2022/23
Co-principal instructor (w/ F. Mangraviti)

Course: *History of Connexivity*   Summer S. 2021
Teaching assistant/Tutor (w/ H. Wansing and H. Omori)

Schools (in English)

Course: *Connexive Logic*   October 2020
Hilbert-Bernays Summer School on Logic and Computation
Georg August Universität Göttingen
Teaching assistant/Tutor (w/ H. Wansing and H. Omori)

Service to the profession

Refereeing (Journals): *Logic Journal of the IGPL*; *Bulletin of the Section of Logic*; *Studia Logica*; *Journal of Philosophical Logic* (×2).

Refereeing (Conferences): *AiML 2022.*

Organized Events

1. Principal co-organizer (w/F. Mangraviti and A. Tedder), Workshop on Perspectives on Logic and Philosophy, Ruhr University Bochum (Germany), January 9–11, 2023.

2. Organizing committee member, Trends in Logic XXI, Ruhr University Bochum (Germany), December 6–8, 2021.

3. Organizing committee member, NCMPL 2021 (Non-Classical Modal and Predicate Logics), Ruhr University Bochum (Germany), November 23–26, 2021.

Languages

1. **Italian**: native speaker

2. **English**: Advanced (speaking, reading, writing)

3. **German**: Advanced (speaking, reading, writing)

4. **French**: Intermediate (speaking, reading, writing)

5. **Spanish**: Elementary (speaking, reading)

6. **Latin**: Upper-intermediate (reading, translating)

7. **Ancient Greek**: Elementary (reading)

Referees

- Prof. Heinrich Wansing (Ruhr University Bochum)
  Heinrich.Wansing@ruhr-uni-bochum.de

- Prof. Francesca Poggiolesi (Université Paris 1 Panthéon-Sorbonne)
  poggiolesi@gmail.com

- Dr. Andrew Tedder (Institute Vienna Circle)
  ajtedder.at@gmail.com

- Prof. Paolo Pagani (Ca' Foscari University Venice)
  pagani.p@unive.it

Other Activities

LaTeX editing of the paper "Boethian Logics" (∼30 pp.) by Claudio E. Pizzi to appear in a volume on connexive logics edited by Heinrich Wansing et al.	Fall 2023
Italian Educator for German-speaking children (ages 6-10) during the summer. These activities were funded and organized by the KVW (a local association of workers) in the Val Pusteria district of the Autonomous Province of Bolzano (Italy).	2013–2016 and 2018–2019
Italian and English Educator for German-speaking children (ages 6-10). These activities were organized by the "Bachlechner" Elementary School of Brunico (Italy) as part of the project "Multilingualism: Playing in Italian, English, and German", funded by the Autonomous Province of Bolzano.	Summer 2017