

Academic Curriculum vitae

Michele Pra Baldi

University of Cagliari

Research group in Applied Logic and Philosophy of Science (ALOPHIS)

Department of Pedagogy, Psychology and Philosophy

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Research interests

- (Abstract) algebraic logic
- Non-classical logics
- Universal algebra
- Formal epistemology

Education

- PhD in Philosophy, University of Padua (2019)
Thesis: *An algebraic study of logics of variable inclusion and analytic containment*
- M.A. in Philosophical Sciences, University of Padua, 2014
- B.A. In Philosophy, University of Padua, 2012

Academic employments

- 2019-present
Postdoctoral fellow, University of Cagliari, research group in Applied Logic and Philosophy of Science (ALOPHIS)
- 2015-2018
PhD fellow, University of Padua

Research stays

- Institute of Computer Science, Czech Academy of Sciences, Prague, Czech Republic, March-September 2017
- ALOPHIS group, University of Cagliari, Italy, July 2018 (sponsor: Horizons 2020 program of the European Commission: SYSMICS project, number: 689176, MSCA-RISE- 2015)
- Department of Computer Science, University of Milan, Italy, November 2017.
- ALOPHIS group, University of Cagliari, January 2018, January 2017, January-February 2016
- Munich Center for Mathematical Philosophy (MCMP), Munich, Germany, September 2013-August 2014 (Erasmus student)

Conference Talks (selection)

- *Logics of pure variable inclusion*. NCL 2020, Lodz University, Poland (virtual).
- *Logics of variable inclusion and the lattice of consequence relations*, SILFS 2019, Urbino, Italy
- *Proof theory for paraconsistent weak Kleene logic*, 1st Bilateral workshop UNAM-UNICA, 2019, Cagliari
- *Logics of variable inclusions and Płonka sums of matrices*, ASUBL 2018, Cagliari, Italy
- *Logics of left variable inclusion and Płonka sums of matrices*, Substructural logics: semantics, proof theory and applications, 2018, Vienna, Austria
- *The regularization of a logic*, AILA meeting 2017, Padova, Italy

Publications

1. D. Fazio, M. Pra Baldi. **On a logico-algebraic approach to AGM belief contraction theory**. *Journal of Philosophical Logic*, 2021: (1-28). (DOI: <https://doi.org/10.1007/s10992-020-09587-0>)
2. S. Bonzio, M. Pra Baldi. **Containment logics and Płonka sums of matrices: completeness and axiomatization**. *Studia Logica*, 2021. (DOI <https://doi.org/10.1007/s11225-020-09930-1>).

3. M. Pra Baldi. **Logics of varibale inclusion and the lattice of consequence relations**. *Journal of Applied non Classical Logics*, 2020, 1-15. (DOI: <https://doi.org/10.1080/11663081.2020.1835330>)
4. F. Paoli, M. Pra Baldi. **Extensions of Paraconsistent Weak Kleene logic**, *Logic Journal of the IGPL*, 2020. (DOI: <https://doi.org/10.1093/jigpal/jzaa024>)
5. S. Bonzio, T. Moraschini, M. Pra Baldi. **Logics of left variable inclusion and Płonka sums of matrices**, *Archive for Mathematical logic*, 2021. (DOI: <https://doi.org/10.1007/s00153-020-00727-6>)
6. F. Paoli, M. Pra Baldi. **Proof theory for paraconsistent weak Kleene logic**, *Studia Logica*, 2019, 1-24. (DOI: <https://doi.org/10.1007/s11225-019-09876-z>)
7. A. Ledda, F. Paoli, M. Pra Baldi. **Algebraic analysis of demodalized analytic implication**, *Journal of Philosophical Logic*, 2019, 48(6), 957-979. (DOI: <https://doi.org/10.1007/s10992-019-09502-2>)
8. S. Bonzio, M. Pra Baldi, D. Valota. **Counting finite linearly ordered involutive bisemilattices**, *Relational and Algebraic Methods in Computer Science. RAMiCS 2018. Lecture Notes in Computer Science*, vol 11194, pages 166-183, 2018.

Submitted works

9. F. Paoli, M. Pra Baldi, D. Szmuc. **Logics of pure variable inclusion**
10. M. Carrara, D. Fazio, M. Pra Baldi. **A logico-algebraic approach to AGM belief revision: application to the Logic of Paradox**
11. F. Paoli, M. Pra Baldi **The algebra of three-valued logics**.
12. S. Bonzio, F. Paoli, M. Pra Baldi **Logics of variable inclusion**. (Book).

Teaching

- *Logic*, University of Cagliari, Department of Philosophy, Psychology and Pedagogy, BA in Philosophy, 2020-2021 (Teaching assistant).
- *Logic*, University of Cagliari, Department of Philosophy, Psychology and Pedagogy, BA in Philosophy, 2019-2020 (Teaching assistant).
- *Logic and theory of argumentation*, University of Cagliari, Department of Philosophy, Psychology and Pedagogy, BA in Philosophy, 2019-2020 (Teaching assistant).

- *Logic*, University of Cagliari, Department of Philosophy, Psychology and Pedagogy, BA in Philosophy, 2018-2019 (Teaching assistant)
- *Logic*, University of Padua, Department of Mathematics, BA in Computer Science, 2017 (Teaching assistant)

Professional service

- Reviewer for *Review of symbolic logic*, *Journal of applied non classical logics*, *Journal of logic and computation*, *Logic journal of the IGPL*, *Logique et analyse*
- Co-organizer of the "First Bilateral Workshop Universidad Nacional Autonoma de Mexico-Università di Cagliari", Cagliari, Italy 2019
- Co-organizer of the international workshop "Mathematical Structures, Models and Reality", Padua, Italy, 2017
- Organizer of two philosophy seminars at the University of Padua, Italy, 2017