

# Matteo De Benedetto

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## Employment

- (10/2021-)  
**Postdoctoral Researcher** (Ruhr-Universität Bochum)  
Member of the Emmy-Noether Research Group “From Perception to Belief and Back Again” (PI: Peter Brössel).

## Education

- (2017-2022)  
**PhD in Philosophy** (MCMP, Ludwig-Maximilians-Universität München)  
PhD Thesis: *Frameworks, Models, and Case Studies: A New Methodology for Studying Conceptual Change in Science and Philosophy.* [link](#)  
Supervisor: Hannes Leitgeb  
Examiners: Hannes Leitgeb, Leon Horsten, Kärin Nickelsen  
Final Mark: summa cum laude.
- (2014-2017)  
**M.A. in Logic, Philosophy and History of Science** (University of Florence)  
Thesis: *The Church-Turing Thesis. A compass.*  
Supervisor: Andrea Cantini  
Final Mark: 110/110 magna cum laude
- (2011-2014)  
**B.A. in Philosophy** (University of Florence)  
Thesis: *The modal translation of intuitionistic logic: Godel’s result and some recent developments.*  
Supervisor: Pierluigi Minari  
Final Mark: 110/110 magna cum laude

## Publications

- Articles in journals:
  - (in print) “What Conceptual Engineering Can Learn From The History of Philosophy of Science: Healthy Externalism and Metasemantic Plasticity”. *HOPOS: The Journal of the International Society for the History of Philosophy of Science*.
  - (2023) “Lakatosian and Euclidean Populations: a pluralist account of conceptual change in mathematics”. *European Journal for Philosophy of Science*, 13, 37. [link](#).
  - (2023) “Carnap’s Geometrical Methodology: Explication as a transfer principle”. *Journal for the History of Analytic Philosophy*, 11(4), [link](#).
  - (2023) “Specialisation by Value Divergence: The role of epistemic values in the branching of scientific disciplines” (with Michele Luchetti). *International Studies in the Philosophy of Science*, 36(2), 121-141. [link](#)
  - (2022) “Taking Up Thagard’s Challenge: A Formal Model Of Conceptual Revision” (with Sena Bozdog). *Journal of Philosophical Logic*, 51, 791-824. [link](#).
  - (2022) “Explicating ‘Explication’ via Conceptual Spaces”. *Erkenntnis*, 87, 853-889. [link](#).
  - (2021) “Taming Conceptual Wanderings: Wilson-Structuralism”. *Synthese*, 199, 13225-13246. [link](#).
  - (2021) “Explication as a Three-Step Procedure: the case of the Church-Turing Thesis”. *European Journal for Philosophy of Science*, 11, 1. [link](#).
- Chapters in Books:
  - (Forthcoming) “Worlds, Algorithms, and Niches: the feedback-loop idea in Kuhn’s philosophy” (with Michele Luchetti). Accepted for publication in Shan, Y. (Ed.), *Rethinking Thomas Kuhn’s Legacy*, Boston Studies in the Philosophy and History of Science, Springer, Cham.

## Teaching

- as Instructor:
  - WS22/23 *Scientific Revolutions* - (Ruhr University Bochum, graduate level).

- WS22/23 *Scientific Progress* - (University of the Republic, Montevideo, graduate level).
- SS22 *Epistemology* (with Peter Brössel) - (Ruhr University Bochum, undergraduate level).
- WS20/21 *Concepts: from philosophy to cognitive science* - (LMU Munich, undergraduate level, online).
- WS19/20 *Consistency, Incompleteness, and Undecidability* (with Norbert Gratzl) - (LMU Munich, graduate level)
- As Teaching Assistant:
  - SS20 *Logik II* (Instructor: Norbert Gratzl) - (LMU Munich, undergraduate level, online).
  - WS18/19 *Logik I* (Instructor: Hannes Leitgeb) - (LMU Munich, undergraduate level).
  - SS18 and SS19 *Introduction to Computability* (Instructor: Ivano Ciardelli) - (LMU Munich, graduate level).
  - SS18 *Incompleteness* (Instructor: Lavinia Picollo) - (LMU Munich, graduate level).

### Selected Recent Talks

- 12/10/2023 How Should We Reason? Philosophical and Psychological Perspectives (Munich)  
*The Normative Dimension of Logical Modeling* (with Matias Osta-Velez).
- 09/10/2023 Logical Pluralism Workshop (Munich)\*  
*Logical norms, defeasible obligations, and pluralistic stances* (with Alessandra Marra).
- 20/09/2023 EPSA 2023 (Belgrade)  
*Epistemic Niche Construction in Science* (with Michele Luchetti).
- 04/09/2023 SILFS 2023 (Urbino)  
*Methodological Incommensurability: A Meta-Inductive Bayesian Perspective*.
- 24/07/2023 CLMPST 2023 (Buenos Aires)  
*The Normative Dimension of Logical Modeling* (with Matias Osta-Velez).
- 24/07/2023 CLMPST 2023 (Buenos Aires)  
*Sound and Feasible Inferences* (with Alessandra Marra)
- 04/07/2023 IACAP 2023 (Prague)  
*The Open Texture of Algorithm in Legal Language* (with Davide Baldini).

- 16/06/2023 Models of Reasoning and Normativity (Bochum)\*  
*The Normative Dimension of Logical Modeling* (with Matias Osta-Velez).
- 01/06/2023 Conceptual Spaces @ Work 2023 (Warsaw)\*  
*Conceptual Progress in Science: A Conceptual Spaces Perspective*.
- 27/05/2023 Normativity, Logic, and Reasoning Workshop (Munich)\*  
*Sound and Feasible Inferences* (with Alessandra Marra).
- 26/04/2023 Science & More Seminar (Turin)\*  
*Theoretical Concepts as Goal-Derived Concepts*.
- 17/04/2023 Logik Café (Vienna)\*  
*Patches, Patchworks, and Epsilon Terms* (with Elio La Rosa).
- 12/12/2022 Rationality and Cognition Seminar (Bochum)\*  
*Theoretical Concepts as Ad Hoc Concepts*.
- 25/11/2022 Workshop on Logic and Philosophy (Buenos Aires)\*  
*Sound and Feasible Reasoning*.
- 22/11/2022 Workshop sobre aspectos conceptuales e inferenciales en filosofía de la matemática, filosofía de las ciencias y filosofía analítica (Córdoba)\*  
*Carnap's Geometrical Methodology*.
- 18/11/2022 La filosofía de la ciencia a 100 años del nacimiento de Thomas Kuhn (Montevideo)\*  
*The Feedback-Loop Idea in Kuhn's Philosophy*.
- 17/10/2022 Concepts: Philosophical Perspectives (Bochum)\*  
*Bootstrapping Concepts* (with Nina Poth).

\* = invited talk.

## Services to the Profession

- Organization:
  - (27/07/2023) “Logic, Norms, and Reasoning” Symposium (CLMPST 2023, co-organizer)
  - (15-16/06/2023) “Models of Reasoning and Normativity” Workshop (Bochum, co-organizer)
  - (17-18/10/2022) “Concepts: Philosophical Perspectives” Workshop (Bochum, co-organizer).
  - (18/08/2022) “Cognitive Philosophy of Science” Symposium (EENPS2022, co-organizer)
  - (SS22, WS22/23, SS23) “Rationality and Cognition” Seminar (Bochum, co-organizer).

- (20-21/06/2022) “Concepts and Reasoning” Workshop (Bochum, co-organizer).
- (21-24/05/2019) BayFrance Seminar on Reverse Mathematics (Munich, co-organizer).
- Referee for *Review of Philosophy and Psychology*, *Synthese*, *European Journal for Philosophy of Science*, *Erkenntnis*, *Topoi*, *Frontiers in Psychology*, *Synthese Library*, *Metascience*, *Philosophies*, *Philosophia*, *GAP.11*.

## Language Skills

- Italian: native.
- English: fluent.
- German: very good command (B2 certified level).
- Spanish: conversational.

## Fundings

- (2017-2021) LMU Excellence Doctoral Fellowship.
- (2014/2015, 2012/2013, 2011/2012) Merit and Productivity Fellowships from the University of Florence.

## References

- Prof. Dr. Dr. Hannes Leitgeb  
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