

Matteo De Benedetto

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Employment

- (2024-)
Assistant Professor (IMT School for Advanced Studies Lucca)
Assistant Professor (RTD-a) in Logic and Philosophy of Science, member of the the “Models, Inferences, and Decisions (MInD)” group within the “Molecular Mind Laboratory (MoMiLab)” research unit.
- (2022-2024)
Postdoctoral Researcher (Ruhr-Universität Bochum)
Member of the Emmy-Noether Research Group “From Perception to Belief and Back Again”.

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:
 - (Forthcoming) “Bootstrapping Concepts via Hybridization: A step-by-step guide” (with Nina Poth). *Review of Philosophy and Psychology*.
 - (2024) “Patches, Patchworks, and Epsilon Terms: A Neo-Carnapian Account Of Theoretical Terms In Science” (with Elio La Rosa). *Journal of Philosophical Logic*. [link](#)
 - (2024) “Theoretical Concepts as Goal-Derived Concepts”. *Studies in History and Philosophy of Science*, 107, 82-91. [link](#)
 - (2024) “The Open Texture of ‘Algorithm’ in Legal Language” (with Davide Baldini). *AI & Society*. [link](#).
 - (2024) “Logical Norms as Defeasible Obligations: Disentangling sound and feasible inferences” (with Alessandra Marra). *Inquiry*. [link](#).
 - (2024) “Theory Choice As Niche Construction: The Feedback Loop Between Scientific Theories and Epistemic Values” (with Michele Luchetti). *Philosophy of Science*, 91(3), 741-758. [link](#).
 - (2024) “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*, 14(1), 1-24. [link](#).
 - (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:
 - (2024) “Worlds, Algorithms, and Niches: the feedback-loop idea in Kuhn’s philosophy” (with Michele Luchetti). In Shan, Y. (Ed.), *Rethinking Thomas Kuhn’s Legacy*, Boston Studies in the Philosophy and History of Science, Springer, Cham, 103-120. [link](#)
- Book Reviews:
 - (2024) “The great chain of knowing”. *Metascience*. [link](#)

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

- 09/09/2024 EENPS 2024 (Krakow)
Epistemic Niche Construction and Non-Epistemic Values.
- 27/06/2024 Philosophy of Science & Epistemology Conference (Hong Kong)
Methodological Incommensurability and Higher-Order Evidence.
- 03/05/2024 Rationality & Cognition Workshop (Bochum)*
Methodological Incommensurability and Higher-Order Evidence: A Bayesian Perspective (with Peter Brössel).
- 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).

*= invited talk.

Services to the Profession

- Organization:
 - (09/09/2024) Social Epistemologies of Science Symposium (EENPS24, co-organizer).
 - (02-03/05/2024) Rationality & Cognition Workshop (Bochum, co-organizer).
 - (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, WS23/24) “Rationality and Cognition” Seminar (Bochum, co-organizer).
 - (20-21/06/2022) “Concepts and Reasoning” Workshop (Bochum, co-organizer).
- Referee for *Review of Philosophy and Psychology*, *Inquiry*, *Synthese*, *European Journal for Philosophy of Science*, *Erkenntnis*, *Topoi*, *Frontiers in Psychology*, *Synthese Library*, *Metascience*, *Acta Analytica*, *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.
- (2016) Erasmus+ Mobility Grant (LMU Munich).
- (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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- Jun. Prof. Dr. Peter Brössel
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