



# Edoardo Baccini

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**Date of birth**: 08/02/1997 **Nationality**: Italian

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**Areas of Specialisation**: Formal Epistemology, Social Epistemology

**Areas of Competence**: Logic, Philosophy of Science

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## EDUCATION AND TRAINING

[ 01/09/2021 – 31/08/2025 ]

### PhD Candidate (employed)

Multi-Agent Systems Group, Department of Artificial Intelligence, Bernoulli Institute of Mathematics, Computer Science and Artificial Intelligence, University of Groningen

**Thesis**: Foundations of Knowledge and Opinion Formation in Social Networks

**Supervisors**: dr. Zoé Christoff, prof. dr. Rineke Verbrugge

[ 14/10/2019 – 31/08/2021 ]

### Master Degree in Logic and Philosophy of Science

Munich Center for Mathematical Philosophy, Fakultät für Philosophie, Wissenschaftstheorie und Religionswissenschaft, Ludwig-Maximilians-Universität München

**Thesis**: Myside Bias in the Evaluation of Arguments: A Broadly Bayesian Model

**Supervisor**: prof. dr. Stephan Hartmann

[ 01/09/2016 – 10/07/2019 ]

### Bachelor Degree in Philosophy (Laurea Triennale L-05)

Dipartimento di Lettere e Filosofia, University of Florence

**Thesis**: Disconfirmability and the Impact of Reduction between Theories in Non-standard Cases of Confirmation

**Supervisors**: prof. dr. Elena Castellani, prof. dr. Fabrizia Mealli

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## PUBLICATIONS

### Peer Reviewed Journals

- **Dynamic Logic of Diffusion and Link Changes in Social Networks** (2024) with Zoé Christoff and Rineke Verbrugge, forthcoming in *Studia Logica*
- **The Wisdom of the Small Crowd: Myside Bias and Group Discussion** (2023) with Zoé Christoff, Stephan Hartmann and Rineke Verbrugge, *Journal of Artificial Societies and Social Simulations* 26 (4), DOI: 10.18564/jasss.5184

### Peer Reviewed Conferences

- **Comparing Social Network Dynamic Operators** (2023) with Zoé Christoff, in: Verbrugge, R. (ed.) Proceedings Nineteenth conference on Theoretical Aspects of Rationality and Knowledge (TARK 2023), Oxford, United Kingdom, 28-30th June 2023, Electronic Proceedings in Theoretical Computer Science, vol. 379, pp. 66–81, Open Publishing Association, Australia (2023)
- **Opinion Diffusion in Similarity-Driven Networks** (2022) with Zoé Christoff and Rineke Verbrugge, presented at Logic and the Foundations of Game and Decision Theory (LOFT 14) (2022)
- **The Myside Bias in Argument Evaluation: A Bayesian Model** (2022) with Stephan Hartmann, in: J. Culbertson, A. Perfors, H. Rabagliati & V. Ramenzoni (Eds.), Proceedings of the 44th Annual Conference of the Cognitive Science Society (CogSci 2022), pp. 1512–1518, Toronto 2022

## TALKS

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### Conferences and workshops

- **Comparing Social Network Dynamics**, Workshop on "Formal Models of Social Networks & Democracy", Groningen, 8-9 February 2024
- **Comparing Social Network Dynamic Operators** (flash talk and poster presentation), Nineteenth Conference on Theoretical Aspects of Rationality and Knowledge (TARK2023), Oxford, 28-30 June 2023
- **Myside Bias, Group Discussion and Truth-Tracking**, Workshop on "Agent-Based Models of Epistemic Communities", Bochum, 22-24 February 2023
- **Myside Bias, Group Discussion and Truth-Tracking**, Changes+ Colloquium, Berlin, 15 December 2022
- **Opinion Diffusion in Similarity-Driven Networks**, PhDs in Logic XIII, Turin, 5-7 September 2022
- **The Myside Bias in Argument Evaluation: A Bayesian Account** (online flash talk), COGSCI 2022, Toronto, 30 July 2022
- **Opinion Diffusion in Similarity-Driven Networks**, Logic and the Foundations of Game and Decision Theory (LOFT 14), Groningen, 21 July 2022
- **Opinion Diffusion in Similarity-Driven Networks**, Dutch Logic PhD Day, Utrecht, 1 July 2022

## TEACHING AND SUPERVISION

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### Teaching Assistance

- **Ethics in AI** (lecturer: Zoé Christoff), BSc course in Artificial Intelligence, University of Groningen, Academic Years: 2023/2024, 2021/2022
- **Collective Intelligence** (lecturer: Zoé Christoff), MSc course in Artificial Intelligence, University of Groningen, Academic Year: 2022/2023

### Supervision of bachelor projects (BSc course in Artificial Intelligence)

- Markus Milder, "Structuring Communication Within Communities" (ongoing)
- Jan Christiaan Zwier, "Measuring Novelty in Citation Network Models" (completed 10/2023)
- Jirmaine Tan, "An Exploration of Threshold Model Updates" (completed 04/2023)
- Jakob de Boer, "Distance Limited Social Network Change for Social Network Models" (completed 10/2022)
- Yara Bikowski, "Diffusion of Post-Retraction Citations: An Awareness-Based Model" (completed 10/2022)

## REFEREE FOR

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### Journals

- *Journal of Artificial Societies and Social Simulations*

### Conferences

- 49th International Conference on Current Trends in Theory and Practice of Computer Science (SOFSEM 2023)
- Theoretical Aspects of Rationality and Knowledge (TARK 2023)

## ORGANISER FOR

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### Conferences

- **Dutch Logic PhD Day 2023**, University of Groningen, June 23rd

### Seminar Series

- **AIo (AI and Logic) Talks**, University of Groningen (2023-ongoing)

## HONOURS AND AWARDS

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### Scholarships

- **DAAD Study Scholarships - Master Studies for All Academic Disciplines**, 2020/21 (Deutscher Akademischer Austauschdienst) (1/10/2020-1/10/2021)

## DIGITAL SKILLS

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Netlogo | Python | Latex

## LANGUAGE SKILLS

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**Italian: Native Speaker | English: Proficient (C1) | French: Independent User (B1) | Dutch: Basic User (A2/B1) | German: Basic User (A1/A2)**

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