

Curriculum vitae

Thomas Müller

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Areas of specialization

Philosophy of science, logic, metaphysics, philosophy of physics, action theory

Areas of competence

History of analytic philosophy, philosophy of mathematics, philosophy of language

Academic education

1991–1997 University of Freiburg: Studied physics, mathematics and philosophy

1994 State University St. Petersburg

1997–1998 *Visiting scholar*, University of California, Berkeley (Department of Philosophy)

1998–2001 University of Freiburg: Graduate studies in philosophy

Academic degrees

- *Vordiplom* (physics; minors: mathematics and chemistry), Freiburg, July 1993
- *Zwischenprüfung* (philosophy), Freiburg, February 1994
- *Diplom* (M.Sc.) in physics (minor: mathematics), Freiburg, July 1997, *mit Auszeichnung* (highest honours)
- *Dr. phil.* (philosophy; minors: mathematics and physics), Freiburg, June 2001, *summa cum laude*
- *Habilitation* (philosophy), Bonn, June 2008

Long-term research periods abroad after PhD

8–9/2003 Philosophy Department, University of Pittsburgh

8/2004–2/2005 Wolfson College, University of Oxford (Feodor Lynen-Scholar of the Alexander von Humboldt Foundation)

2005–2023 Further research periods at the University of Pittsburgh

5–7/2022 Visiting Researcher, University of Innsbruck

10/2022–2/2023 Visiting Associate, California Institute of Technology

Employment history

2015 University of Hamburg: offer for Chair (W3) in Philosophy of Science (declined)

since 2013 University of Konstanz: *Professor* (W3) (*full professor*), Theoretical Philosophy

2010–2013 Utrecht University: *Universitair hoofddocent* (*reader / associate professor*), Theoretical Philosophy

2007–2010 Utrecht University: *Universitair docent* (*lecturer / assistant professor*), Theoretical Philosophy

2002–2007 University of Bonn: *Wissenschaftlicher Assistent* (C1), Institut für Philosophie, Lehr- und Forschungsbereich III (Logik und Grundlagenforschung)

2001–2002 University of Freiburg: *Wissenschaftlicher Mitarbeiter* (PostDoc), Freiburg Center for Data Analysis and Modeling

Cooperation with neurologists at the medical school of the University of Freiburg in a BMBF project on diagnosis and therapy monitoring of stroke

1999–2001 *Lehrbeauftragter* teaching regular courses in philosophy, University of Freiburg

1991–1999 various jobs as a student: tutorships in philosophy and mathematics, and several years at the neurophysiological group in the DFG-Sonderforschungsbereich *Modulation und Lernvorgänge in Neuronensystemen*

1989–1990 *Zivildienst* (alternative service) at a psychiatric clinic, *Privatklinik Bad Gleisweiler*

1989 *Abitur*, *Staatliches Max Slevogt-Gymnasium*, Landau i.d. Pfalz

Organization of events (selection)

- Workshop *Formal accounts of powers, processes, and change*, online, with Antje Rumberg (Aarhus), 9/10 December 2021. [link]
- Workshop *Agents' Abilities and Options for Action*, Konstanz, with Jacob Rosenthal, 2/3 September 2021. [link]
- Masterclass and Conference *Agency and (quantum) physics*, Konstanz, 19–23 September 2016. [link]
- Workshop *Causality and Laws*, Konstanz, 4–5 November 2015. [link]
- Mini-Workshop *Freedom in Action*, Utrecht, 8 June 2015. [link]
- Kick-off Workshop *Agency and (quantum) physics*, Innsbruck, 30 March–2 April 2015. [link]
- Conference *Real possibilities, indeterminism and free will*, Konstanz, 18–21 March 2015. [link]
- Workshop *Causation and agency in our indeterministic world*, Utrecht, 28 February–2 March 2013. [link]
- Cultures of Mathematics and Logic, Guangzhou, 9–12 November 2012. [link]
- WIRP-2 (Workshop VIDI project): Logical and Philosophical Aspects of Real Possibility, Konstanz, 21/22 September 2012 (in connection with GAP.8). [link]
- Workshop with contributors of the book *Nuel Belnap's work on indeterminism and free agency*, Utrecht, 15/16 June 2012. [link]
- Kick-off Workshop ERC project: Theoretical aspects of indeterminism and agency, Utrecht, 12/13 January 2012. [link]
- International conference: Mathematics as Culture and Practice II, Greifswald, December 2011 [link]
- Symposium “Can we really Lewis the laws of nature?”, October 2011, Athens, at the conference of the European Association for the Philosophy of Science, together with J. Mulder [link]

- WIRP-1 (kick-off Workshop VIDI project), Utrecht, April 2011 [link]
- PhiMSAMP-6: Final workshop of the DFG project, including book presentation, Utrecht, April 2010 [link]
- ESF Workshop on formal methods in philosophy of science, Zeist, October 2009 [link]
- PhiMSAMP-5, Hatfield, July 2009
- PhiMSAMP-4, October 2008
- FotFS VII (Foundations of the Formal Sciences VII): Bringing together philosophy and sociology of science, Brussels, October 2008 [link]
- PhiMSAMP-3, Is mathematics special?, Wien, May 2008 [link]
- PhiMSAMP-2, Empirical methods for philosophy of mathematics, Utrecht, October 2007 [link]
- PMP 2007 (Perspectives on Mathematical Practice), Brüssel, March 2007 [link]
- PhiMSAMP-1, Towards a new epistemology of mathematics, Berlin, September 2006 (in connection with GAP.6) [link]
- ESF Workshop on Branching Space-Times, Kraków, October 2005 [link]

I have hosted Alexander von Humboldt scholars Bart Van Kerkhove (philosophy of mathematics), Bonn, 2006–2007, and Benjamin Eva (philosophy of science and epistemology), Konstanz, 2016–2019.

Together with prof. Stephan Hartmann I was co-team leader of *Team A: Formal Methods*, ESF Research Network *Philosophy of Science in a European Perspective* (2008–2012).

Invited talks (selection)

- CliMA Research Group, Caltech, Pasadena, December 2022
- Quantum Limits of Knowledge II. Grenoble / online, March 2021
- Quantum Limits of Knowledge I. Copenhagen, June 2019
- Philosophy of Science Lunch Time Series, Pittsburgh, March 2019
- Philosophical Colloquium, York, February 2019
- Advanced Machine Learning Days, Lausanne, January 2019
- Science Pub, Konstanz, January 2019
- Causation and Counterfactuals in Philosophy, Science, and Law. Vancouver, October 2018
- Workshop Modally rich philosophical landscapes, Kraków, June 2017
- Workshop Synthese statt Reduktion? “Einheit” bei Kant, Bonn, October 2016
- Responsible Intelligent Systems in Perspective; where Computer Science, Philosophy and Legal Theory meet, Utrecht, April 2016
- Causal Powers and Social Science, New Haven, March 2016
- Conference on Space-time theories, Budapest, August 2015
- Conference Randomness in Quantum Physics and Beyond, Barcelona, May 2015
- Philosophical colloquium, Luzern, April 2015
- Summerschool Philosophy of Physics, Saig, July 2014
- Philosophical colloquium, Bielefeld, February 2014

- Workshop on metaphysics in science, Ghent, February 2014
- Workshop Logic and philosophy of time, Padova, October 2013
- LOGOS colloquium, Barcelona, June 2013
- LSE Workshop on Free Will, London, June 2013
- Philosophy of science Colloquium, Bern, May 2013
- *Colloquium Logicum* of the DVMLG, Paderborn, September 2012
- International workshop on counterfactuals, Bristol, August 2012
- Symposium on free will, Ghent, February 2012
- International Conference on Temporal Existence and Persistence in Spacetime, Bonn, February 2011
- International Workshop on Causes and Tenses: Formal Perspectives, Kraków, September 2010
- International Workshop on Branching Time and Uncertainty, Bristol, August 2010
- International Workshop on Mathematics as Practice and Culture, ZiF, Bielefeld, May 2010
- International Conference Practice-based Philosophy of Logic and Mathematics, Amsterdam, September 2009
- International Workshop on Practical Knowledge, Basel, July 2009
- International Conference in honor of Nuel Belnap (Nuelfest), Pittsburgh, April 2009
- International Workshop on Persistence, Indexicality and Temporality, Dresden, December 2008
- International Wittgenstein Symposium, Kirchberg, August 2008
- International Wittgenstein Symposium, Kirchberg, August 2005

Administrative duties (selection)

since 2023 University of Konstanz, Head of the Philosophy Department

since 2019 University of Konstanz, Elected member of the Senate

2018–2021 University of Konstanz, Head of the Philosophy Department, Vice-Dean of the Faculty of Humanities

Board memberships

- Vice President and Treasurer, *Gesellschaft für Analytische Philosophie*, 2019–2022
- Advisory committee, Poznań Studies in the Philosophy of the Sciences and the Humanities
- Scientific committee, Logic and Philosophy of Mathematical Practices (Vrije Universiteit Brussel)

Prizes and honours

- Elected member of the *Leopoldina, Nationale Akademie der Wissenschaften*, 2020
- *Stimuleringssubsidie* (talent grant by the *college van bestuur* of Utrecht University), 2009
- *First Prize of The Society of Junior Scholars of the Jagiellonian University* (TAUJ), for the paper "Against a Minimalist Reading of Bell's Theorem" (jointly with T. Placek, Kraków), 2001
- *U.S Dept. of Energy High School Honors Program*, Fermilab, Batavia, IL, 1987
- Second prize, *Open Competition on Programming* (programming olympiad), Sofia, 1987
- *Bundessieger* (national champion), *Bundeswettbewerb Informatik* (German national computer science championship), München, 1986

Refereeing (selection)

Journals:

Australasian Journal of Philosophy; British Journal for the Philosophy of Science; Dialectica; Economics and Philosophy; Erkenntnis; European Journal of Analytic Philosophy; Foundations of Science; Journal of Philosophical Logic; Journal of Social Philosophy; Kairos; Kriterion; Logic and Logical Philosophy; Logique et Analyse; Mind; Mind and Matter; Philosophia Naturalis; Philosophical Psychology; Philosophical Quarterly; Philosophical Studies; Philosophiegeschichte und logische Analyse; Philosophy of Science; Principia; Review of Symbolic Logic; Scientific Reports; Springer Plus; Stanford Encyclopedia of Philosophy; Studia Logica; Studies in Logic; Studies in the History and Philosophy of Modern Physics; Synthese; Theoretical Computer Science; Theoria; Theory & Psychology.

Scientific agencies and university evaluations:

Alexander von Humboldt Foundation (Germany), British Academy (UK), Charles University Prague (Czech Republic), DAAD (Germany), DFG (Germany), ESF (European), ERC (European), GAP (Germany), FRIAS (Germany), FWO (Flemish, Belgium), NCN (Poland), NKFI (Hungary), OeAD (Austria), Studienstiftung des deutschen Volkes (Germany), University of Bern (Switzerland).

Conference PC memberships:

ANP2014; CIK2010; CML2012; Colloquium Logicum (CL2016); Cultures of Mathematics IV (CoM4, 2014); Deutsche Gesellschaft für Philosophie 2017; ESSLi 2012 StuS; European Congress of Analytic Philosophy 2017 (ECAP9); European Philosophy of Science Association Conference 2011 (EPSA11); FOMTL2023; GAP.11 (2022); Logic, Relativity and Beyond 2017 (LBR17); OZSW2013, 2014; PhiMSAMP-3; Semantics and Philosophy in Europe 2014 (SPE7); Trends in Logic XI (2013)