

Curriculum Vitae Miklós Rédei

Personal data

Born: October 4, 1952
Budapest, Hungary
Citizenship: Hungarian and British

Education/degrees

2001	D.Sc.	(Doctor of the Hungarian Academy of Sciences)
1997	Habilitation	(Eötvös University)
1989	C.Sc.	(Candidate of Science)
1982	Ph.D. in Philosophy	(Eötvös University)
1980	M.A. in Philosophy	(Eötvös University)
1977	M.A. in Physics	(Eötvös University)

Current Affiliation

Department of Philosophy, Logic and Scientific Method
London School of Economics and Political Science (LSE)
London, United Kingdom

Work address: Lakatos Building, LSE, London

Mailing address: Houghton Street, London
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Titles/employment history

2019-2021	Deputy Head of Department	LSE, London
2015-2018	Head of Department	LSE, London
2013	Professor	LSE, London
2010	Reader	LSE, London
2007	Lecturer (permanent position)	LSE, London
1991-2007	Associate Professor (tenured)	ELTE, Budapest
1982-1991	Assistant Professor	ELTE, Budapest
1979-1982	Teaching Associate	ELTE, Budapest
1977-1979	Teaching Assistant	ELTE, Budapest

Languages

Hungarian	native
English	advanced
German	intermediate

Research interests

Philosophy of science, philosophy and history of modern physics, especially of quantum physics and of quantum field theory; quantum logic; interpretation of probability; probabilistic causality; John von Neumann's life and work

Teaching

- Courses taught at LSE
 - Philosophy of Science PH201
 - Set theory and further logic PH217
 - Set theory and further logic PH419
 - Philosophy of Science Seminar PH400
 - Philosophical Foundations of Physics PH409
 - MSc Thesis Writing Seminar PH445

- PhD seminar (variable topic, taught jointly) PH551

LSE Student Union Teaching Excellence Star (awarded in 2008)

LSE Student Union Teaching Award (awarded in 2020)

- Courses taught at Eötvös University

Lecturing on the following subjects:

- Philosophy of Science
- Philosophy of Physics
- Quantum Logic
- Interpretation of probability
- John von Neumann’s life and work
- Mathematical concepts and philosophy of mathematics for non-science majors

- Special teaching assignments:

- “Teaching assignment” (*Lehrauftrag*) in the academic year 1992-1993 in Institute of Philosophy, University of Stuttgart, Stuttgart, Germany
- “Topics in the Foundations of Algebraic Quantum Mechanics and Quantum Field Theory” PhD Seminar (taught with D. Malament) in the Spring Quarter, 2003, Department of Logic and Philosophy of Science, University of California, Irvine, U.S.A.
- Invited lecturer to the International Summer School “Philosophy, probability and the special sciences”, July 27-August 2, 2003, Konstanz, Germany “Three lectures on probability in physics”
- “Probabilistic Causality” Central European University Summer University, July 23, August 1, 2008, Budapest, Hungary (director of school, lecturer)
- Graduate Course on “Foundations of Algebraic Quantum Mechanics and Algebraic Quantum Field Theory”, Graduate School of Information Science, Nagoya University, Nagoya, Japan; (series of 5 lectures) August 22-24, 2012
- XXI Summer School in Philosophy of Physics – Philosophy of Quantum Field Theory, 4 invited lectures, June 25-28, 2018, Urbino, Italy

Scholarships/professional travel

- Hungarian State Scholarship, Sektion Philosophie, Humboldt Universität Berlin, Berlin, German Democratic Republic, October 1-31, 1986
- Adjunct Assistant Professor in Department of Physics, University of Florida, Gainesville, Florida, U.S.A., September 1987 – June 1989
- European Community TEMPUS Individual Mobility Grant, Faculty of Philosophy, University of Groningen, The Netherlands, March – June 1992
- European Community Mobility Research Grant, spent in Foundations of Science Group of the Department of History and Foundations of Mathematics and Science, Utrecht University, The Netherlands, September 1993 – February 1994
- Fulbright Scholar and Visiting Fellow during the full 1994-1995 academic year at the Center for Philosophy of Science, University of Pittsburgh, Pittsburgh, U.S.A.; supported also by the István Szechenyi Scholarship Foundation
- Soros Foundation Mobility Grant, in the Department of Philosophy University of Florida, Gainesville, Florida, U.S.A., July – August 1996
- Senior Resident Fellow in the Dibner Institute for the History of Science and Technology, Massachusetts Institute of Technology (MIT), Cambridge, U.S.A., full 1997-1998 academic year

- Széchenyi Professorial Scholarship (1999–2002)
- Visiting Associate Professor, Department of Logic and Philosophy of Science, University of California at Irvine, Irvine, U.S.A., January – June 2003
- Visiting Fellow, Philosophy, Probability and Modeling Group, Center for Junior Research Fellows, University of Konstanz, Konstanz, Germany, June – August, 2004
- István Szechenyi Professorial Scholarship (September 2003 – September 2006)
- Donders Professor, Department of History and Foundations of Mathematics and Science, Utrecht University, The Netherlands, April – June, 2006
- Lakatos Research Fellow, Centre for Philosophy of Natural and Social Science, London School of Economics, London, England, July 15 – August 15, 2006
- Honorary Research Fellow, Institute of Philosophy, Hungarian Academy of Sciences, Budapest, Hungary, October 1, 2014 – April 30, 2015
- Visiting Fellow, Munich Center for Mathematical Philosophy, Ludwig-Maximilians University, Munich, Germany, May 1, 2015 – June 30, 2015
- Visiting Professor, Munich Center for Mathematical Philosophy, Ludwig-Maximilians University, Munich, Germany, August 1, 2018 – July 31, 2019

Prizes

- Carl Friedrich von Siemens Research Award of the Alexander von Humboldt Foundation (awarded in 2018) (*“Forschungspreis der Alexander von Humboldt-Stiftung”*)
<https://www.humboldt-foundation.de/web/humboldt-preis.html>

Grants

- Research grant from the Hungarian National Science Foundation, (OTKA): “Quantum logic” (1994–1996, philosophy of science, principal investigator)
- Research grant from the Hungarian Academy of Sciences: “Probabilistic causality and quantum mechanics” (1996–1997, philosophy of science, principal investigator)
- Research grant from the Hungarian National Science Foundation, (OTKA): “John von Neumann – mathematical physicist” (1998–2000, history of science, principal investigator)
- Research grant from the Hungarian National Science Foundation, (OTKA): “Probabilistic causality” (2000–2002, philosophy of science, principal investigator)
- Research grant from the Hungarian National Science Foundation, (OTKA): “John von Neumann’s selected letters” (2001–2002, history of science, principal investigator)
- Research grant from the Hungarian National Science Foundation, (OTKA): “Correlations and their explanation” (2003–2005, philosophy of science, principal investigator)
- ESF Scientific Network Grant (2003–2005) from the European Science Foundation (Network title: Philosophical and Foundational Problems of Modern Physics) (<http://www.philphys.nl/>); Convenor of the Network and Chair of the 8 member International Coordinating Committee)
- The Philosophy of Science in a European Perspective – European Science Foundation Networking Programme 2008–20013 (Co-chair) <http://www.pse-esf.org/index.htm>

Service to the profession

- Have reviewed papers for the following journals:
Foundations of Physics, Studies in the History and Philosophy of Modern Physics, The British Journal for the Philosophy of Science, Philosophy of Science, Synthese, International Journal for the Philosophy of Science, Historia Mathematica, Isis, History and Philosophy of Logic, European Journal for Philosophy of Science, Erkenntnis, Reviews of Symbolic Logic
- Have reviewed grant applications and project proposals for:
 National Science Foundation (U.S.A.), Hungarian National Science Foundation (OTKA), Hungarian Fulbright Commission, International Institute of Education European Head Office, European Science Foundation, Central European University, Templeton Foundation
- Member of the Philosophy Selection Committee of Hungarian National Science Foundation (OTKA) (2003–2005)
- Founding co-editor (with D. Dieks) of the Elsevier book series (2004–2008) “Philosophy and Foundations of Physics”
- Member of the 9 member International Coordinating Committee of the 3 year (2001–2003) European Science Foundation sponsored Network Project entitled “Historical and Contemporary Perspectives of Philosophy of Science in Europe”
- Founding member of the European Philosophy of Science Association (EPSA), elected member of the Steering Committee of EPSA (2007–2009, re-elected for 2010–2011)
- Member of the Advisory Editorial Board of the Institute Vienna Circle Yearbooks
- Member of the Vienna Summer University in Philosophy of Science (VISU) Programme Committee (from 2011)
- Member of the Editorial Board of the *European Journal for Philosophy of Science*
- Member of Editorial Advisory Board of the *European Studies in Philosophy of Science* book series (from 2013)
- Assessor of the International Union of History and Philosophy of Science, Division of Logic, Methodology and Philosophy of Science (2008–2011)
- (Co)organizer/member of organizing committee of the following international workshops and conferences:
 - Quantum Mechanics and Relativity Theory: Interpretational Problems and Solutions May 1, 1995, Center for Philosophy of Science, University of Pittsburgh, Pittsburgh, U.S.A.
 - Science and the Institution Central European University Summer School July 1998, Budapest, Hungary
 - John von Neumann and the Foundations of Quantum Mechanics February 25–26, 1999 Loránd Eötvös University, Budapest, Hungary
 - Workshop on the Problem of Quantum Measurement December 6–7, 1999, Loránd Eötvös University, Budapest, Hungary
 - John von Neumann the mathematical physicist June 11, 2001, University of Florida, Gainesville, Florida, U.S.A.
 - Modality, Probability and Bell’s Theorems – NATO Advanced Research Workshop August 19–23, 2001, Cracow, Poland
 - Observation and Experiment in the Natural and Social Sciences September 30–October 2, 2001, Bertinoro, Italy
 - Induction and Deduction in the Sciences July 7–9, 2002, Vienna, Austria
 - Challenges and Responses (Conference Celebrating the 10th Anniversary of the Hungarian- American Fulbright Commission and the Hungarian Fulbright Association) April 24–25, 2002, Budapest, Hungary
 - Von Neumann Centennial Conference: Linear Operators and Foundations of Quantum Mechanics October 15–20, 2003, Budapest, Hungary
 - Fifth International Pittsburgh Center Fellows Conference May 26–30, 2004, Ryto, Poland
 - Logic in Hungary, 2005 August 5–11, 2005, Budapest, Hungary
 - Philosophical and Foundational Issues in Quantum Theory ESF Scientific Network Conference September 1–5, 2005, Budapest, Hungary
 - Founding Conference of the European Philosophy of Science Association, Madrid, November 14–17, 2007, (programme co-chair)
 - Points of Contact between the Philosophy of Physics and the Philosophy of Biology European Science Foundation Research Networking Program “The Philosophy of Science in a European Perspective” Workshop, LSE, London, 13–15 December 2010
 - 8th UK-European Foundations of Physics Conference July 16–18, 2016, London, UK (Chair of Local Organizing Committee)
 - Imre Lakatos Centenary Conference, November 3–5, 2022, London School of Economic, London UK)