

CURRICULUM VITAE
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Personal data

First name Márton
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Date of birth 16 March 1985
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Areas of interest

Philosophy of physics, general philosophy of science, metaphysics, logic

Employment

Sep 2015– Junior Research Fellow, Institute of Philosophy, Hungarian Academy of Sciences

Education

PhD Logic and Philosophy of Science, Eötvös Loránd University Budapest, 2016
MSc Physics, Eötvös Loránd University Budapest, 2010

Publications

- M. Gömöri and T. Placek, “Small probability space formulation of Bell’s theorem”, In G. Hofer-Szabó and L. Wronski (eds.), *Making it Formally Explicit: Probability, Causality and Indeterminism* (European Studies in Philosophy of Science, 6), Springer, New York 2017, pp. 109–127, DOI: 10.1007/978-3-319-55486-0_6 (preprint: <http://philsci-archive.pitt.edu/12749>)
- M. Gömöri, B. Gyenis and G. Hofer-Szabó, “How do macrostates come about?”, In G. Hofer-Szabó and L. Wronski (eds.), *Making it Formally Explicit: Probability, Causality and Indeterminism* (European Studies in Philosophy of Science, 6), Springer, New York 2017, pp. 213–229, DOI: 10.1007/978-3-319-55486-0_12 (preprint: <http://philsci-archive.pitt.edu/12762>)

- M. Gömöri and L. E. Szabó, "Formal statement of the special principle of relativity", *Synthese* **192** (2015), pp. 2053–2076, DOI: 10.1007/s11229-013-0374-1 (preprint: <http://philsci-archive.pitt.edu/10207>)
- M. Gömöri and L. E. Szabó, "Operational understanding of the covariance of classical electrodynamics", *Physics Essays* **26** (2013), pp. 361–370, DOI: 10.4006/0836-1398-26.3.361 (preprint: <http://philsci-archive.pitt.edu/9895>)
- "Superholism" (in Hungarian), In Zs. Zvolenszky et al. (eds.), *Not to be hatred of arguments. A collection of essays for the 60th birthday of András Máté*, L'Harmattan, Budapest 2013, pp. 55–69.
- M. Gömöri and L. E. Szabó, "On the Persistence of the Electromagnetic Field", submitted (preprint: <http://philsci-archive.pitt.edu/12785>)

Conference presentations

- Jul 2016 "For the 40th Birthday of Bell's Spaceships" (with László E. Szabó), *The 18th UK and European Conference on Foundations of Physics*, London School of Economics and Political Science
- Jul 2016 "On the Meaning of EPR's Criterion of Reality" (with Gábor Hofer-Szabó), *British Society for the Philosophy of Science Annual Conference*, Cardiff University
- May 2016 "Chance in a Physical World", *Fifth Workshop of the Budapest-Krakow Research Group on Probability, Causality and Determinism*, Institute of Philosophy, Hungarian Academy of Sciences, Budapest
- Sep 2015 "A short remark on generalizing probability spaces in quantum mechanics", *Fourth Workshop of the Budapest-Krakow Research Group on Probability, Causality and Determinism*, Jagiellonian University, Krakow
- Aug 2015 "Facts and conventions on Poincaré's disc", *Logic, Relativity and Beyond: 2nd International Conference*, Rényi Institute, Budapest
- Jul 2015 "Operationalist Approach to Quantum Theory: Two Representation Theorems" (with László E. Szabó and Zalán Gyenis), *British Society for the Philosophy of Science Annual Conference*, Manchester
- May 2015 "The Strong Humean Censorship Hypothesis" (in Hungarian), *Ütközéspontok 2., Graduate Philosophy Conference*, Pázmány Péter Catholic University, Budapest
- May 2015 "On Einstein's Reality Criterion" (presented by Gábor Hofer-Szabó), *Third Workshop of the Budapest-Krakow Research Group on Probability, Causality and Determinism*, Institute of Philosophy, Hungarian Academy of Sciences, Budapest
- Dec 2014 "Only conjunction", *Second Workshop of the Budapest-Krakow Research Group on Probability, Causality and Determinism*, Jagiellonian University, Krakow

- Nov 2014 “How to Move an Electromagnetic Field?”, *PSA Biennial Meeting*, Chicago
- Sep 2014 “A New Problem of Conjunctions”, *First Workshop of the Budapest-Krakow Research Group on Probability, Causality and Determinism*, Institute of Philosophy, Hungarian Academy of Sciences, Budapest
- Jul 2014 “A New Problem of Conjunctions”, *2nd International Summer School in Philosophy of Physics: Probabilities in Physics*, Lenzkirch-Saig, Germany
- Jun 2014 “What is a physical ‘and’?”, *Fourth LSE Graduate Conference in Philosophy of Probability*, London School of Economics and Political Science, London
- Feb 2013 “Superholism” (in Hungarian), “What we can speak about...” *Graduate Philosophy Conference*, Eötvös University, Budapest
- Jan 2013 “The principle of relativity—a case study in understanding a fundamental principle of physics” (in Hungarian), *Explanation and Understanding*, Kaposvár, Hungary
- Nov 2012 “The epistemology of the special principle of relativity”, *Midterm Conference of the Italian Society of Logic and Philosophy of Science*, Milan, Italy
- Sep 2012 “What exactly does the special relativity principle assert?”, *First International Conference on Logic and Relativity: honoring István Németi’s 70th birthday*, Rényi Institute, Budapest
- Apr 2012 “‘Space’, ‘time’, ‘velocity’—the limits of operationalist semantics” (in Hungarian), “What we cannot speak about...” *Graduate Philosophy Conference*, Eötvös University, Budapest
- Sep 2009 “Operationalist Reconstruction of the Semantics of Classical Electrodynamics”, *Mathematics, Physics and Philosophy in the Interpretation of Relativity Theory*, Eötvös University, Budapest

Talks

- Mar 2017 “On the Persistence of the Electromagnetic Field”, *Lunchtime Colloquium of the Center for Philosophy of Science*, University of Pittsburgh
- Mar 2017 “On the relation of the relativity principle and covariance”, *Meeting of the Southern California Philosophy of Physics Group*, University of California, Irvine
- Mar 2016 “Reichenbach’s Common Cause Principle from a Humean perspective”, *Theoretical Philosophy Forum*, Eötvös University, Budapest
- May 2015 “On Einstein’s Reality Criterion” (presented by Gábor Hofer-Szabó), *Münich Center for Mathematical Philosophy*, Munich
- Apr 2015 “Only conjunction”, *Theoretical Philosophy Forum*, Eötvös University, Budapest

- Jun 2014 “How to move an electromagnetic field?”, *Research Seminar in the Philosophy of Natural Sciences*, London School of Economics and Political Science, London
- Jun 2013 “What every picture must have in common”, *Logic and Philosophy of Mathematics Seminar*, Eötvös University, Budapest
- Dec 2012 “Only one kind of convention”, *Theoretical Philosophy Forum*, Eötvös University, Budapest
- Nov 2012 “Justification of deduction”, *Logic Tea Budapest*, Eötvös University, Budapest
- May 2012 “Ontological incompleteness of classical electrodynamics”, *Theoretical Philosophy Forum*, Eötvös University, Budapest
- Mar 2011 “On the problem of empirical meanings of the spatio-temporal quantities in general relativity” (in Hungarian), *Theoretical Philosophy Forum*, Eötvös University, Budapest
- Nov 2010 “Is there a classical description of the coupled system of ‘charged particles + electromagnetic field’?” (in Hungarian), *Theoretical Philosophy Forum*, Eötvös University, Budapest
- Mar 2010 “What exactly does the relativity principle state?” (in Hungarian), *Theoretical Philosophy Forum*, Eötvös University, Budapest
- Dec 2008 “Covariance of electrodynamics—a logico-empiricist reconstruction” (in Hungarian), *Theoretical Philosophy Forum*, Eötvös University, Budapest

Research stays

- Oct 2015 – Jun 2016 *Department of Philosophy, University of Salzburg (Ernst Mach Grant)*
- Jan 2014 – Jul 2014 *Centre for Philosophy of Natural and Social Science, London School of Economics and Political Science (Campus Hungary)*

Membership

- 2015–2019 The Budapest Research Group on the Philosophical Foundations of Science (<http://bp-group.tumblr.com/>)
- 2014–2016 The Budapest-Krakow Research Group on Probability, Causality and Determinism (<http://bp-k.tumblr.com/>)

Conference organization

May 2014 *London Foundations Connection, One-day Conference on the Foundations of Quantum Theory*, London School of Economics and Political Science, London

Teaching experience

Spr 2017 Instructor, "Philosophy of Science," Eötvös University
Fall 2016 Instructor, "Philosophy of Science," Eötvös University
Spr 2015 Instructor, "Philosophy of Science", Eötvös University
Fall 2014 Instructor, "Philosophy of Science", Eötvös University
Spr 2013 Instructor, "Philosophy of Science", "Mathematical tools of physics for philosophers", Eötvös University
Fall 2012 Instructor, "Philosophy of Science", Eötvös University
Spr 2012 Instructor, "Philosophy of Science", Eötvös University
Fall 2011 Instructor, "Philosophy of Space and Time", Eötvös University
Fall 2009- Teaching assistant at the Department of Logic, Eötvös University

Languages

English fluent
German basic