

CURRICULUM VITAE  
December 2024

*Personal data*

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**First name** Márton  
**Surname** Gömöri  
**Date of birth** 16 March 1985  
**Nationality** Hungarian  
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*Research interest*

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Philosophy of physics, general philosophy of science

*Employment*

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Sep 2020– Assistant Professor, Department of Logic, Institute of Philosophy, Eötvös Loránd University  
Feb 2020– Research Fellow, Institute of Philosophy, Research Centre for the Humanities (HUNREN)  
Jul 2016–Feb 2020 Assistant Research Fellow, Institute of Philosophy, Research Centre for the Humanities  
Sep 2015–Jul 2016 Junior Research Fellow, Institute of Philosophy, Research Centre for the Humanities

*Education*

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

*Publications*

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L. E. Szabó, M. Gömöri, and Z. Gyenis, “Questionable and Unquestionable in Quantum Mechanics,” under revision at *European Journal for Philosophy of Science*, (preprint: <https://philsci-archive.pitt.edu/22504/>)  
M. Rédei and M. Gömöri, “Entropic taming of the Look Elsewhere Effect,” *Synthese* 203, 12 (2024), DOI: 10.1007/s11229-023-04434-6 (preprint: <https://philsci-archive.pitt.edu/19442/>)  
M. Gömöri and C. Hofer, “Classicality and Bell’s Theorem,” *European Journal for Philosophy of Science* 13, 45 (2023), DOI: 10.1007/s13194-023-00531-y (preprint: <http://philsci-archive.pitt.edu/22150/>)  
“Redukcionizmus: a korrelációk magyarázatán alapuló érv vázlata” (“Reductionism: draft of an argument based on explaining correlations”), *Magyar Filozófiai Szemle (Hungarian Philosophical Review)* 66:3 (2022), pp. 67–74.

- M. Gömöri and G. Hofer-Szabó, "On the meaning of EPR's Reality Criterion," *Synthese* 199 (2021), pp. 13441-13469, DOI: 10.1007/s11229-021-03382-3 (preprint: <http://philsci-archive.pitt.edu/19478>)
- "On the Very Idea of Distant Correlations," *Foundations of Physics* 50 (2020), pp. 530–554, DOI: 10.1007/s10701-020-00332-w (preprint: <http://philsci-archive.pitt.edu/16888>)
- M. Gömöri and L. E. Szabó, "On the Persistence of the Electromagnetic Field," *Journal for General Philosophy of Science* 50:1 (2019), pp. 43-61, DOI: 10.1007/s10838-018-9430-3 (preprint: <http://philsci-archive.pitt.edu/12785>)
- "Valószínűség, véletlen és a közösok-elv" ("Probability, randomness and the Common Cause Principle"), *Magyar Filozófiai Szemle (Hungarian Philosophical Review)* 62:2 (2018), pp. 63–82.
- 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* 192:7 (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>)
- "Szuperholizmus" ("Superholism"), In Zs. Zvolenszky et al. (eds.), *Nehogy érvgyűlölők legyünk. Tanulmánykötet Máté András 60. születésnapjára (Not to be hatred of arguments. A collection of essays for the 60th birthday of András Máté)*, L'Harmattan, Budapest 2013, pp. 55–69.

### Research stays

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Nov 2019 – Jul 2020 *Faculty of Philosophy, University of Barcelona (Eötvös Fellowship)*

May 2018 *Institute of Philosophy, Leibniz University Hannover (EPSA Fellowship)*

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)*

### Research projects

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2015–2025 A Formal Approach to the Metaphysical Foundations of Physics, OTKA/NKFIH K115593 and K134275 (<http://phil.elte.hu/bpgroup>)

2014–2016 The Budapest-Krakow Research Group on Probability, Causality and Determinism (<http://bpk.tumblr.com/>)

### *Conference and research seminar organization*

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- Sep 2023– *Logic and Philosophy of Science Seminar*, Eötvös Loránd University, Budapest (<http://lps.elte.hu/lps/>)
- May 2014 *London Foundations Connection*, One-day Conference on the Foundations of Quantum Theory, London School of Economics and Political Science, London

### *Reviewing for journals*

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Journals I have reviewed manuscripts for include: *European Journal for Philosophy of Science*; *Philosophy of Science*; *Studies in History and Philosophy of Science*; *Magyar Filozófiai Szemle (Hungarian Philosophical Review)*; *Foundations of Physics*; *Studies in History and Philosophy of Modern Physics*; *Zeitschrift für Naturforschung A*; *Review of Scientific Instruments*; *The Review of Symbolic Logic*; *Journal of Applied Logics*

### *Teaching*

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- Introductory logic in the Logic and Philosophy of Science MA, Semiotics MA and Computational and Cognitive Neuroscience MSc programs in English, and in the Liberal Arts BA program in Hungarian (Eötvös Loránd University).
- Introductory and advanced philosophy of science and philosophy of physics in the Logic and Philosophy of Science MA program in English (Eötvös Loránd University).
- For a detailed course list see <http://lps.elte.hu/gomori/teaching.html>

### *Languages*

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English    fluent  
German    basic