

ZSOMBOR Z. MÉDER

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📄 [ORCID iD](#)

EMPLOYMENT

2023 –	Assistant professor UNIVERSITY OF GRONINGEN, NETHERLANDS.
2020 – 2023	Postdoctoral researcher LEIDEN UNIVERSITY, NETHERLANDS.
2016 – 2019	Assistant professor SINGAPORE U. OF TECHNOLOGY AND DESIGN, SINGAPORE.
2014 – 2015	Lecturer MAASTRICHT UNIVERSITY, NETHERLANDS.
2010 – 2014	PhD student MAASTRICHT UNIVERSITY, NETHERLANDS.
2009 – 2010	Mathematical economist AGRICULTURAL ECONOMICS RESEARCH INSTITUTE, HUNGARY.
2007 – 2008	Econometric analyst intern GOVERNMENT DEBT MANAGEMENT AGENCY, HUNGARY.
2007	Journalist VILÁGGAZDASÁG (Economics-focused daily newspaper), HUNGARY.

EDUCATION

2010 – 2015	PhD in Economics MAASTRICHT UNIVERSITY, NETHERLANDS. Thesis title: <i>Beliefs, intentions, power: Essays on dynamic decision problems.</i> Advisors: János FLESCH and Ronald PEETERS. Promoter: Jean-Jacques HERINGS.
2004 – 2009	Bachelor & Master of Economics CORVINUS UNIVERSITY OF BUDAPEST, HUNGARY.
2002 – 2008	Bachelor & Master of Arts EÖTVÖS LORÁND UNIVERSITY, HUNGARY. Major: Philosophy.

OTHER POSITIONS

2013 – 2014	Visiting researcher GRADUATE SCHOOL OF ECONOMICS, WASEDA UNIVERSITY, JAPAN.
2003 – 2008	Fellow PHILOSOPHY WORKSHOP, EÖTVÖS JÓZSEF COLLEGE, HUNGARY.

PEER-REVIEWED PUBLICATIONS

(Note: [Blue text](#) indicates a link.)

- 2025 [Time inconsistency and second-order beliefs over types in extensive-form games.](#)
Theory & Decision, pp. 1–30.
with János FLESCHE, Ronald PEETERS, and Yianis SARAFIDIS.
- 2024 [Indirect reciprocity can foster large-scale cooperation.](#)
Proceedings of the National Academy of Sciences 121(27), e2409894121.
with Jörg GROSS, Angelo ROMANO, and Carsten K.W. DE DREU.
- 2023 [Intertemporal price discrimination with time-inconsistent consumers.](#)
Mathematical Social Sciences 126, pp. 42–47.
with János FLESCHE, Ronald PEETERS, and Yianis SARAFIDIS.
- 2023 [Optimal capacity sharing for global genomic surveillance.](#)
Epidemics 43, 100690.
with Róbert SOMOGYI.
- 2023 [The evolution of universal cooperation.](#)
Science Advances 9(7).
with Jörg GROSS, Welmer MOLENMAKER, Angelo ROMANO, Laura HOENIG, and Carsten K.W. DE DREU.
- 2020 [Political games of attack and defense.](#)
Philosophical Transactions of the Royal Society B 376/1822, 20200135.
with Carsten K.W. DE DREU, Ruthie PLISKIN, Michael ROJEK-GRIFFIN, and Jörg GROSS.
- 2017 [Naiveté and sophistication in dynamic inconsistency.](#)
Mathematical Social Sciences 87, pp. 42–47.
with János FLESCHE, and Ronald PEETERS.
- 2016 [In-group defense, out-group aggression, and coordination failures in intergroup conflict.](#)
Proceedings of the National Academy of Sciences 113(38), pp. 10524–10529.
with Carsten K.W. DE DREU, Jörg GROSS, Michael GIFFIN, Eliska PROCHAZKOVA, Jonathan KRIKEB, and Simon COLUMBUS.
- 2016 [Sorting your way out: perceived party positions, political knowledge and polarization.](#)
Acta Politica 52, pp. 479–501.
with Federico VEGETTI and Zoltán FAZEKAS.
- 2016 [Building the Leviathan – Voluntary centralisation of punishment power sustains cooperation in humans.](#)
Scientific Reports 6, 20767.
with Jörg GROSS, Arno RIEDL, and Sanae OKAMOTO-BARTH.
- 2013 [Proximity and directional theory compared: Taking discriminant positions seriously in multi-party systems.](#)
Electoral Studies 32(4), pp. 693–707.
with Zoltán FAZEKAS.
- 2012 [Optimal choice for finite and infinite horizons.](#)
Operations Research Letters 40(6), pp. 469–474.
with János FLESCHE, and Ronald PEETERS.
- 2012 [Tax morale and tax evasion: social preferences and bounded rationality.](#)
Economic Analysis and Policy 42(2), pp. 171–188.
with András SIMONOVITS, and János VINCZE.

NON-PEER-REVIEWED WORK

- 2024 [Introducing combinatorial games in Wolfram Language's Entity framework with OOP.](#)
Wolfram Summer School 2024 Community Post.
[single-authored]
- 2023 [Hackenbush games as multicomputational systems.](#)
Wolfram Summer School 2023 Community Post.
[single-authored]
- 2016 Generational knowledge transfer and the savings rate – An agent-based model.
in: *Simonovits 70. Essays in the social and natural sciences - From Archimedes to old-age income.* [in Hungarian]
with Róbert SOMOGYI.
- 2011 [Survival of altruistic preferences in the ultimatum game: an agent-based approach.](#) In:
SpringSim ADS '11: Proceedings of the 2011 Workshop on Agent-Directed Simulation. pp.
72–75.
[single-authored]
- 2011 [Strategic bidding in a primary reserve auction.](#)
In: *Proceedings. of the 79th European Study Group "Mathematics with Industry".* Statkraft.
pp. 75–82.
with Gergely CSAPÓ, Dénes PÁLVÖLGYI, Thijs RUIJGROK, Wander WADMAN, and Meike
WORTEL.
- 2007 [Thought and imagination: On Berkeley's Master Argument.](#)
Elpis 2. [in Hungarian]
[single-authored]
- 2006 [A taste of concentrated Locke.](#)
Hungarian Philosophy Review, 50(3–4), pp. 367–381. [in Hungarian].
[single-authored]
- 2005 [The 'proper' words and things: The analytical language of John Wilkins.](#)
Kellék 27–28, pp. 293–314. [in Hungarian]
[single-authored]

TEACHING EXPERIENCE

2025/26	A.I. Learning Line BSc Economics & Business Economics (designer, undergrad., University of Groningen = RUG)
2024/25, 25/26	Data Analytics in Economics and Finance (co-designer, undergrad., RUG)
2023/24, 24/25, 25/26	Data Science and Machine Learning (designer, coordinator, undergrad., RUG)
2023/24, 24/25, 25/26	Matrix Analysis and Optimization (undergrad., RUG)
2023/24, 24/25, 25/26	Math IV: Multivariate Calculus (undergrad., RUG)
2023/24, 24/25, 25/26	Math II: Linear Algebra (designer, coordinator, undergrad., RUG)
2024/25	Game Theory (undergrad., RUG)
2024/25	Introduction to Game Theory (designer, PhD, University of Zürich)
2023/24	Numerical Methods (undergrad., RUG)
2018/19	Decision Theory and Practice (designer, coordinator, undergrad., Singapore University of Technology and Design = SUTD)
2018/19, 17/18, 16/17, 15/16	Microeconomics (designer, coordinator, undergrad., SUTD)
2017/18	Morals and Markets (co-designer, co-coordinator, undergrad., SUTD)
2016/17	Theorizing Society, the Self, and Culture (undergrad., SUTD)
2014/15	International Economic Relations (undergrad., Maastricht University = MU)
2014/15	Institutions, Behavior and Welfare (undergrad., MU)
2014/15	Economics and Business (undergrad., MU)
2014/15	Economists' Point of View: The History of Econ. Thought (undergrad., MU)
2014/15, 12/13, 11/12	Economic Psychology (undergrad., MU)
2014/15, 12/13	Reflections on Academic Discourse (undergrad., MU)
2012/13, 11/12	Economic Networks (undergrad., MU)
2011/12	International Economics (undergrad., MU)
2010/11	Managerial Economics (undergrad., MU)
2006/07	Introduction to Economics (self-designed, coordinator, undergrad., Eötvös József College)

REVIEWERSHIP

Cognitive Science, Journal of Economic Behavior & Organization, Economics of Governance, Philosophical Transactions of the Royal Society B, Journal of Economic Psychology, British Journal of Political Science, The B.E. Journal of Theoretical Economics, European Journal of Comparative Economics, Behavior Research Methods

SERVICE

2024-	A.I. Community of Practice – RUG
2023-2024	Gamification Community of Practice – RUG
2019	Workshop organizer – Current Issues in Game Theory and Social Dynamics, SUTD
2017	Conference organizer – Ethics and Economics, SUTD
2017 – 2019	Debate Club Instructor, SUTD
2017 – 2019	Credit Transfer Committee, SUTD
2016 – 2017	GPA, Grading and Honours Classification Committee, SUTD
2016	Appointment Committee, SUTD
2016	Research and Cross-Unit Collaboration Committee, SUTD
2011 – 2013	Seminar organizer – Maastricht Lecture Series in Economics, MU
2006 – 2007	Curator – Eötvös József College, Budapest

AWARDS AND SCHOLARSHIPS

2016 – 2019	SUTD, Startup Research Grant for assistant professors
2013 – 2014	MU, Graduate School of Business and Economics: International Travel Grant to Waseda University, Japan
2006 – 2008	GE Foundation Scholarship: GE Scholar-Leader
2006	Erasmus Scholarship to the University of Liverpool, United Kingdom

SUMMER SCHOOLS AND WORKSHOPS

2026	Wolfram Winter School, online (mentor).
2025	Wolfram Summer School, Waltham, Massachusetts (mentor).
2024	Wolfram Summer School, Waltham, Massachusetts (student).
2023	Wolfram Summer School, Waltham, Massachusetts (student).
2022	‘Games and Agents’ Workshop on Agent-based modelling, Leiden, Netherlands.
2021	R and Multilevel Modelling mini-course, Leiden, Netherlands.
2015	Quantum Logic mini-course, Epistemic Game Theory Center, Maastricht, Netherlands.
2014	Summer School on Agent-based Modelling, European Social Simulation Association, Barcelona, Spain.
2014	Summer School of the International Max Planck Research School on Adapting Behavior in a Fundamentally Uncertain World, Jena, Germany.
2013	Summer Institute on Bounded Rationality, Max Planck Institute for Human Development, Berlin, Germany.
2006	‘Philosophy and Economics’, Summer School Institute Vienna Circle, Vienna, Austria.

PROGRAMMING LANGUAGES

Wolfram Language

Python

NetLogo

MATLAB

R

NATURAL LANGUAGES

Hungarian	Native
English	Proficient (\sim C2)
Dutch	Advanced (\sim C1)
Romanian	Advanced (\sim C1)
French	Upper-intermediate (\sim B2)
German	Pre-intermediate (\sim A2)