

Dr. Ondrej Majer

Dept. of Logic, Institute of Philosophy, The Czech Academy of Sciences
Jilská 1, 110 00 Praha 1
majer@flu.cas.cz

Dept. of Theoretical Computer Science, Institute of Computer Science, The Czech Academy of Sciences
Pod Vodárenskou věží 271/2, 182 07 Praha 8
majer@cs.cas.cz

Education

Master's Degree in Theoretical Computer Science, *Faculty of Mathematics and Physics, Charles University in Prague* (1986);
CSc (PhD equivalent) in Logic, *Institute of Philosophy of the Academy of Sciences of the Czech Republic* (1998)

Current position

Since 2012 – researcher (a part time position), Institute of Computer Science, The Czech Academy of Sciences,
Since 1998 – researcher, Institute of Philosophy, The Czech Academy of Sciences,

Research interests

substructural logics, fuzzy logics, epistemic logics, logics of questions, game theory, game-theoretical semantics, foundations of probability, non-classical probability

Selected research grants

(16 international or national grants, 6 of them as principal investigator or co-investigator)

- 2019 – 2020 NCC CAI: *National Competence Center – Cybernetics and Artificial Intelligence*, Technology Agency of the Czech Republic
- 2018 – 2020 *Reasoning with graded properties*, Czech Science Foundation
- 2015 – 2018 *From Shared Evidence to Group Attitudes*, Czech Science Foundation and DFG, (co-investigator)
- 2015 – 2017 *Modeling Vague quantifiers in Mathematical Fuzzy Logic*, Czech Science Foundation (GACR) and FWF (Austria) - (principal-investigator)
- 2008-2011 *Logical models of reasoning with vague information*, Czech Science Foundation and European Science foundation - EUROCORES - LogICCC Programme (co-investigator)

Workshops and conferences

- 2019 *Congress of Logic, Methodology and Philosophy of Science and Technology* (CLMPST) – a member of the organizing committee
- 2011-2019 *Non-classical Epistemic Logics*, a series of workshops, Prague
- co-chair of the organizing committee
- 2017 *Topology Algebra and Categories in Logic* (TACL) 2017
- a member of the organizing committee
- 2001-2011 *Prague International Colloquia* a series of workshops, Prague
- co-chair of the organizing committee

Lectures at international conferences and workshops

50+ lectures at international conferences, selected invited lectures:

- 2019 *Non-classical probabilities over Dunn Belnap logic*, Advances in Philosophical Logic, Lublin, Poland
- 2018 *The (Relevant) Logic of Laboratory Reports*, Academy Colloquium Reasoning in social context, Institute of Logic, Language and Computation, Amsterdam
- 2016 *Games for Many-valued Logics*, Hintikka Memorial Conference, Helsinki
- 2016 *Paraconsistent Epistemic Logics*, LogiCIC Workshop, Institute of Logic, Language and Computation, Amsterdam,
- 2016 *Subjective Probabilities Regrounded*, Budapest-Krakow workshop, Budapest
- 2015 *Epistemic Logics for Sceptical Agents*, Dynamics in Logic III, Rennes,
- 2014 *Semantic Games for Lukasiewicz logic* (Workshop on Logic and Games, Vienna Summer of Logic,)

Edited volumes and special issues

- Erkenntnis* 79 (5), 2014, special issue *Epistemic Aspects of Many-Valued Logics*, Childers, T., Majer, O. (eds.)
- Journal of Logic, Language and Information* 21(2), 2012, special issue *Interpreting Probability* Childers, T., Majer, O. (eds.), 95 pages
- Games: Unifying Logic, Language, and Philosophy*, Springer, 2009, Majer, O., Pietarinen, A., Tulenheimo, T. (eds), 374 pages
- Synthese* 171(2), 2009, special issue *Knowledge, Rationality & Action. Logic of Change, Change of Logic*, van Ditmarsch, H., Hill, B., Majer, O. (eds.), 129 pages
- The Logica Yearbook 2002*, Filosofia, Praha, 2003, Majer, O., Childers, T., (eds), 272 pages
- The Logica Yearbook 2001*, Filosofia, Praha, 2002, Majer, O., Childers, T., (eds): 268 pages

Selected publications

- Dominik Klein, Ondrej Majer, and Soroush Rafiee-Rad. Probabilities with Gaps and Gluts. To appear in *The Journal of Philosophical Logic*. DOI: 10.1007/s10992-021-09592-x
- Pawel Lupkowski, Ondrej Majer, Michal Peliš and Mariusz Urbanski. Epistemic Erotetic Search Scenarios. *Logic and Logical Philosophy*, 27(3):301–328, (2018).
- Libor Běhounek and Ondrej Majer. Fuzzy intensional semantics. *Journal of Applied Non-Classical Logics*, 28(4):348–388, (2018).
- Timothy Childers and Ondrej Majer. Eliciting Uncertainties: A Two Structure Approach. *Studia Logica*, 106(3):615–636, (2018).
- Marta Bílková, Ondrej Majer and Michal Peliš. Epistemic logics for sceptical agents. *Journal of Logic and Computation*, 26(6):1815-1841, (2016).
- Christian Fermueller and Ondrej Majer. On Semantic Games for Łukasiewicz Logic. In *Jaakko Hintikka on Knowledge and Game-Theoretical Semantics*, Pages. 263-278, Springer, Cham. (2018).
- Tomáš Kroupa and Ondrej Majer.: Optimal strategic reasoning with McNaughton functions. *International Journal of Approximate Reasoning*, 559(6): 1458-1468, (2014).
- Michal Peliš and Ondrej Majer. Logic of Questions and Public Announcements, *Lecture Notes in Computer Science*, Vol. 6618, pp: 145-157, (2011)
- Marta Bílková, Ondrej Majer Michal Peliš and Greg Restall. Relevant agents. *Advances in Modal Logic* 8, pp: 22-38, (2010)
- Petr Cintula, Ondrej Majer. Towards evaluation games for fuzzy logics. In: *Games: Unifying Logic, Language, and Philosophy* Vol.: 15, pp: 117-138, (2009)