Rafal Urbaniak

Associate Professor, Chair of Logic, Philosophy of Science and Epistemology (LoPSE)

Institute of Philosophy, University of Gdańsk, Poland

LoPSE Research Group Website: `http://lopsegdansk.blogspot.com/`

Papers available at: `https://ug.academia.edu/RafaUrbaniak`

Email address: `rfl.urbaniak@gmail.com`

Areas of specialization

probabilistic methods & philosophy, philosophical logics, philosophy of judiciary fact-finding, provability logics

Areas of competence

decision theory & philosophy, philosophy of language, philosophy of mathematics, ethics

Education

2013	Habilitation in Philosophy, University of Warsaw, Poland
	Applications of selected paradoxes in analytical philosophy
2008	Ph.D. in Philosophy, University of Calgary, Canada
	Leśniewski's systems of logic and mereology - history and re-evaluation

Research projects & stays

2022 (awarded)	*Explicating normic support*
	Bednarowski Trust Fellow, host: Martin Smith, University of Edinburgh, Scotland
2022	*Epistemological challenges to imprecise probabilism*
	The Kosciuszko Foundation Fellowship, host: Branden Fitelson, Northeastern Unversity, USA
2017-	*Conceptual, formal and practical aspects of forensic and judicial applications of probabilistic tools*
	Supervision of one post-doctoral and two pre-doctoral researchers
	Sonata Bis grant of the Polish Center for Science, Poland
2015-2019	*Forensic and judicial probability vs. probability theory. Formal tools for real-life justifications*
	Postdoctoral Fellowship of the Research Foundation Flanders, Belgium
2012	*Mathematical existence, abstraction principles and real number theory*
	Trinity College Long Room Hub Visiting Fellow, Trinity College Dublin, Ireland
2012-2015	*Mathematical theories with parsimonious ontologies: their strengths and limitations*
	Postdoctoral Fellowship of the Research Foundation Flanders, Belgium
2011-2012	*Knowability paradox and Nyaya logic*
	Visiting Fellow, Benares Hindu University, Varanasi, India
2009	*Modal reconstructions of mathematical theories*
	British Academy Visiting Fellow, Bristol University, United Kingdom
2009	*Development of adaptive logics for the study of central topics in contemporary philosophy of science*
	Postdoctoral Researcher, Centre for Logic and Philosophy of Science, Ghent University, Belgium
2008	*Contextual and formal-logical approach to scientific problem solving processes*
	Postdoctoral Researcher, Centre for Logic and Philosophy of Science, Ghent University, Belgium
2005-2006	*The History of Logical Metatheory*
	Research Assistant to Prof. Richard Zach, University of Calgary, Canada

Academic appointments

2014-	Associate Professor, Department of Philosophy, Sociology and Journalism, University of Gdańsk, Poland
2012-2019	Postdoctoral Fellow of the Research Foundation Flanders, Centre for Logic and Philosophy of Science, Ghent University, Belgium
2008-2014	Assistant Professor, Department of Philosophy, Sociology and Journalism, University of Gdańsk, Poland
2008-2012	Postdoctoral Researcher, Centre for Logic and Philosophy of Science, Ghent University, Belgium
2007	Instructor of Record, Department of Philosophy, University of Calgary, Canada
2005-2008	Teaching Assistant, Department of Philosophy, University of Calgary, Canada

Other selected honors and awards

2014	"Start" scholarship of the Foundation for Polish Science
2014	Selected in Ghent auditions for presentation in TEDx Ghent
2012	Selected for the Academy of Young Scientists of the Polish Academy of Science
2011	The Polish Minister of Science award for young researchers
2006-7	Izaak Walton Killam Memorial Scholarship, University of Calgary
2005	Dean's Entrance Scholarship, University of Calgary
2005	Best M.Sc. thesis in logic, Polish Association for Logic and Philosophy of Science

Leadership

2020-2022	PhD, Michał Tomasz Godziszewski, University of Warsaw, Poland
	Formal Theories of Truth and Nonstandard Models of Arithmetic.
	Committee: Kentaro Fujimoto, Roman Kossak
2014-2018	PhD, Pawel Pawlowski, Ghent University, Belgium
	Informally provable, refutable or neither. A non-deterministic approach to informal provability.
	Committee: Leon Horsten, Hannes Leitgeb, Stewart Shapiro, Frederik Van De Putte, Peter Verdée
2020-2021	Assistant Professor at the Chair, dr. Pavel Janda (cooperation)
2019-2020	Postdoctoral fellow, *Formal Epistemology with Bounded Rationality and Law*, dr. Pavel Janda, University of Gdańsk, Poland
2019-2022	PhD, *Biases in legal applications of machine learning*, Weronika Majek, University of Gdańsk, Poland (ongoing)
2018-2020	Tutoree accepted for a PhD program in Philosophy at Carnegie Mellon University, Alicja Kowalewska, Gdańsk University of Technology, Poland (ongoing cooperation)
2017-	Assistant Professor at the Chair, dr. Patryk Dziurosz-Serafinowicz (ongoing cooperation)

Selected courses taught

Statistical methods in criminology with implementation in R; Uncertainty: math, philosophy and R programming; Interpretations of Probability; Probability & philosophy of juridical evidence evaluation; Probability & philosophy; Decisions, games, and social choice theory; Cognitive failures (for journalism students); Meta-arithmetic; Formal theories of truth; Ontology of mathematics; Philosophy of truth; Non-classical logics II; Introduction to Philosophy (for sociology students); Logic II; Logic I

Programming skills

R statistical programming with RStudio (packages often used): bnlearn, rethinking, gRain, BESTmcmc, rjags, runjags, countreg, vcd, vcdExtra, car, MASS, knitr, ggplot2, plot3d, tidyverse, kableExtra.

Datacamp status as of 29.03.2021: 130,102 xp earned, 24 completed, 1,536 exercises aced, main courses completed: *Fundamentals of Bayesian data analysis in R*, *Time series analysis in R*, *Manipulating time series with* ***xts*** *and* ***zoo*** *in R*, *Supervised learning in R: classification*, *Foundations of inference*, *Foundations of probability in R*, *Correlation and regression in R*, *Introduction to data in R*, *Cleaning data in R*, *Data visualisation with* ***ggplot2*** *(2)*, *Data visualisation with* ***ggplot2*** *(1)*, *Exploratory data analysis with R*, *Data visualisation in R*, *Writing functions in R*, *Intermediate importing data with R*, *Introduction to importing data with R*, *Joining data in R with* ***dplyr***, *Data Manipulation in R with* ***dplyr***, *Introduction to* ***tidyverse***, *Intermediate R*, *Introduction to R*.

Books published

2017   Rafal Urbaniak and Gillman Payette, editors. *Applications of Formal Philosophy. The Road Less Travelled*. Springer, 2017

2016   Rafal Urbaniak. *Slightly irresponsible and biased introduction to analytic philosophy [in Polish]*. Academicon, 2016

2013   Rafal Urbaniak. *Leśniewski's systems of logic and foundations of mathematics*. Springer, 2013

Selected journal papers

2023   Pawel Pawlowski and Rafal Urbaniak. Informal provability and dialetheism. *Theoria*, 89(2):204–215, 2023

2022   Alicja Kowalewska and Rafal Urbaniak. Measuring coherence with bayesian networks. *Artificial Intelligence and Law*, 06 2022

Rafal Urbaniak and Pawel Pawlowski. Logic of informal provability with truth values. *Logic Journal of the IGPL*, 2022. [accepted, in print]

Rafal Urbaniak, Michał Ptaszyński, Patrycja Tempska, Gniewosz Leliwa, Maciej Brochocki, and Michał Wroczyński. Personal attacks decrease user activity in social networking platforms. *Computers in Human Behavior*, 126, January 2022. [DOI: 10.1016/j.chb.2021.106972]

2021   Pawel Pawlowski and Rafal Urbaniak. Informal provability, first-order BAT logic and first steps towards a formal theory of informal provability. *Logic and Logical Philosophy*, pages 1–27, November 2021

Michał Bilewicz, Patrycja Tempska, Gniewosz Leliwa, Maria Dowgiałło, Michalina Tańska, Rafał Urbaniak, and Michał Wroczyński. Artificial intelligence against hate: Intervention reducing verbal aggression in the social network environment. *Aggressive Behavior*, January 2021. [DOI: 10.1002/ab.21948]

Rafal Urbaniak and Marcello Di Bello. Legal Probabilism. In Edward N. Zalta, editor, *The Stanford Encyclopedia of Philosophy*. Metaphysics Research Lab, Stanford University, Fall 2021 edition, 2021

Rafal Urbaniak and Michał Tomasz Godziszewski. Modal quantifiers, potential infinity, and Yablo sequences. *Review of Symbolic Logic*, 2021. [accepted and forthcoming]

2020   Rafal Urbaniak, Alicja Kowalewska, Pavel Janda, and Patryk Dziurosz-Serafinowicz. Decision-theoretic and risk-based approaches to naked statistical evidence: some consequences and challenges. *Law, Probability and Risk*, 02 2020

2019   Rafal Urbaniak and Pavel Janda. Probabilistic models of legal corroboration. *The International Journal of Evidence & Proof*, pages 1–23, 2019. [DOI 10.1177/1365712719864608]

Rafal Urbaniak. Probabilistic legal decision standards still fail. *Journal of Applied Logics*, 6(5), August 2019

2018   Rafal Urbaniak. Narration in judiciary fact-finding: a probabilistic explication. *Artificial Intelligence and Law*, pages 1–32, 2018. [DOI: 10.1007/s10506-018-9219-z]

Małgorzata Stefaniak and Rafal Urbaniak. Varieties of legal probabilism: a survey. *Decyzje*, 30:33–52, 2018

Rafal Urbaniak and Pawel Pawlowski. Many-valued logic of informal provability: a non-deterministic strategy. *Review of Symbolic Logic*, 2018. [DOI : 10.1017/S1755020317000363]

2017   R. Urbaniak. Different arguments, same problems. Modal ambiguity and tricky substitutions. *European Journal of Analytic Philosophy*, 13(2):5–22, 2017

2016   Rafal Urbaniak and Bert Leuridan. Challenging Lewis's challenge to the best system account of lawhood. *Synthese*, pages 1–18, 2016. [DOI : 10.1007/s11229-016-1287-6]

Rafal Urbaniak. Potential infinity, abstraction principles and arithmetic (Leśniewski style). *Axioms*, 5(2):18, 2016

2015   Rafal Urbaniak. Stanisław Leśniewski: Re-thinking the philosophy of mathematics. *European Review*, 23:125–138, 2015

2014   Rafal Urbaniak and Paweł Siniło. The inapplicability of (selected) paraconsistent logics. *Journal of Applied Non-Classical Logics*, 24(4):368–383, 2014

Rafal Urbaniak. Słupecki's generalized mereology and its flaws. *History and Philosophy of Logic*, pages 1–12, 2014. [DOI : 10.1080/01445340.2014.917837]

2013   Cezary Cieśliński and Rafal Urbaniak. Gödelizing the Yablo sequence. *Journal of Philosophical Logic*, 42(5):679–695, 2013. [DOI:10.1007/s10992-012-9244-4]

2012   Rafal Urbaniak. Numbers and propositions versus nominalists: yellow cards for Salmon & Soames. *Erkenntnis*, 77(3):381–397, 2012

Rafal Urbaniak. "Platonic" thought experiments: how on earth? *Synthese*, 187(2):731–752, 2012

Rafal Urbaniak and K. Severi Hämäri. Busting a myth about Leśniewski and definitions. *History and Philosophy of Logic*, 33(2):159–189, 2012

2011   Rafal Urbaniak. How not to use the Church-Turing thesis against platonism. *Philosophia Mathematica*, (III)19:74–89, 2011. [DOI:10.1093/philmat/nkr001]

2010   Rafal Urbaniak. Neologicist nominalism. *Studia Logica*, 96:151–175, 2010

Rafal Urbaniak and Agnieszka Rostalska. Swinburne's modal argument for the existence of the soul. *Philo*, 12:73–98, 2010

Rafal Urbaniak. Capturing dynamic conceptual frames. *Logic Journal of IGPL*, 18(3):430–455, 2010

2009   Rafal Urbaniak. Leitgeb, "about", Yablo. *Logique & Analyse*, 207:239–254, 2009

Rafał Urbaniak. A note on identity and higher-order quantification. *The Australasian Journal of Logic*, 7:48–55, 2009

2008   Rafal Urbaniak. Leśniewski and Russell's paradox: some problems. *History and Philosophy of Logic*, 29(2):115–146, 2008

Rafal Urbaniak. Reducing sets to modalities. In *Reduction and Elimination. Proceedings of the 31st Wittgenstein Symposium*, pages 359–361, 2008

2007   Rafal Urbaniak. Time travel and conditional logics. In Michal Peliš, editor, *Logica 2007 Yearbook*, pages 247–255, 2007

2006   Rafał Urbaniak. On representing sentential connectives of Leśniewski's Elementary Protothetic. *Journal of Logic and Computation*, 16(4):451–460, 2006

Rafał Urbaniak. Some non-standard interpretations of the axiomatic basis of Lesniewski's Ontology. *The Australasian Journal of Logic*, 4:13–46, 2006

Rafał Urbaniak. On Ontological functors of Leśniewski's elementary Ontology. *Reports on Mathematical Logic*, 40:15–43, 2006

Other selected publications

2019   Rafal Urbaniak. Neologicism for real(s) - are we there yet? In Mirosław Szatkowski and Bartłomiej Skowron, editors, *Contemporary Polish Ontology*. De Gruyter, 2019. (accepted and forthcoming)

Michał Tomasz Godziszewski and Rafal Urbaniak. Infinite liar in a (modal) finitistic setting. In *Logic and Its Applications*, pages 18–29. Springer Berlin Heidelberg, 2019

2018   Rafal Urbaniak and Diderik Batens. Induction. In Sven Ove Hansson, Vincent F. Hendrick, and Kjeldahl Esther Michelsen, editors, *Introduction to Formal Philosophy*, pages 105–130. Springer, 2018

Rafal Urbaniak and Pawel Pawlowski. Logics of (formal and informal) provability. In Sven Ove Hansson, Vincent F. Hendrick, and Kjeldahl Esther Michelsen, editors, *Introduction to Formal Philosophy*, pages 191–240. Springer, 2018

Rafal Urbaniak and Michał Tomasz Godziszewski. Material implication and conversational implicature in Lvov-Warsaw School. In Ángel Garrido and Urszula Wybraniec-Skardowska, editors, *The Lvov-Warsaw School. Past and Present*, pages 117–132. Springer International Publishing, 2018

2017   Rafal Urbaniak. Reconciling Bayesian epistemology and narration-based approaches to judiciary fact-finding. In Jérôme Lang, editor, Proceedings Sixteenth Conference on *Theoretical Aspects of Rationality and Knowledge*, Liverpool, UK, 24-26 July 2017, volume 251 of *Electronic Proceedings in Theoretical Computer Science*, pages 504–514. Open Publishing Association, 2017

Rafal Urbaniak. Beating the gatecrasher paradox with judiciary narratives. In Alexandru Baltag, Jeremy Seligman, and Tomoyuki Yamada, editors, *Logic, Rationality, and Interaction: 6th International Workshop, LORI 2017, Sapporo, Japan, September 11-14, 2017, Proceedings*, pages 637–642. Springer, 2017

2011

Rafal Urbaniak and Agnieszka Rostalska. A modern modal argument for the soul. In Michael Bruce and Steven Barbone, editors, *Just the arguments*, pages 93–99. Wiley-Blackwell, 2011

SELECTED TALKS

INVITED AND DEPARTMENTAL TALKS

2021   *Story coherence with Bayesian Networks* with Alicja Kowalewska, invited webinar at Center for Logic, Language, and Cognition University of Turin, Italy

Story coherence with Bayesian Networks, invited graduate class taught with Alicja Kowalewska at Arizona State University, USA

2018   *Potential Infinity, Leśniewskian Definitions, Arithmetic & Yablo sequences*, Logic, Language, and Ontology – WaragaiFest 2018, Tokyo, Japan

Modal Quantifiers, Potential Infinity, and Yablo sequences, Proof Society Summer School 2018, Ghent University, Belgium

2017   *Narrations in judiciary fact-finding and the difficulty about conjunction*, Faculty of Philosophy, University of Groningen, Netherlands

Paradoxes of informal provability and many-valued indeterministic provability logic, Kyoto Philosophical Logic Workshop III, Kyoto University, Japan

Narration in Judiciary Fact-Finding: A Probabilistic Explication, Tokyo Forum for Analytic Philosophy, The University of Tokyo, Japan

2015   *Non-deterministic logic(s) of (informal) provability*, University of Oxford (United Kingdom), University of Oslo (Norway)

A non-classical logic of informal provability (with Pawel Pawlowski), Munich Center for Mathematical Philosophy, Germany

Non-deterministic logics of provability, ∃ntia et Nomin∀ 2015, Cracov, Poland

Workshop on probabilistic logic, Metafizz Student Club, Trinity College Dublin, Ireland

2013   *Mereology and mathematics. The case of Leśniewski and his continuators*, Parts in Logic and Metaphysics, Université de Rennes I, France

Stanisław Leśniewski: Re-thinking the philosophy of mathematics, Academia Europaea 25th anniversary congress, Wrocław, Poland

2012   *Gödelizing the Yablo sequence*, Trinity College Dublin, Ireland

Neologicism: for real(s), Numbers and Truth, University of Gothenburg, Sweden

Abstraction without abstracta, Polish Philosophical Congress, Wisła, Poland

The philosophical usefulness of paradoxes, Banaras Hindu University, Varanasi, India

Busting a myth about Leśniewski and definitions, Warsaw University, Poland

2010   *Frames, similarity, many-valuedness*, Workshop on Types and Frames, Heinrich-Heine Universität, Düsseldorf, Germany

Yellow Card for Salmon, Oxford University, United Kingdom

Swinburne's modal argument for the existence of the soul (with Agnieszka Rostalska), Canterbury University, Christchurch, New Zealand

2009   *Modalities+Identities-Entities*, Structure and Identity and Abstraction Workshop, Bristol University, United Kingdom

Galileo on falling bodies, Platonism, Dynamic Reasoning, Université Paris I Panthéon-Sorbonne, France

Nominalist Neologicism, University of St. Andrews, Scotland

Abstraction without Abstracta, Trinity College Dublin, Ireland

Modality and Existence, keynote address, Polish Society for Logic and Philosophy of Science annual meeting, Warsaw University, Poland

Logic and Religion: a case study, Bristol University, United Kingdom

Nameability and Mathematical Existence, Logic & Language Seminar, University of Edinburgh, Scotland

2008

2006   (1) *What sentences refer to* and (2) *Quantified propositional modal logic and philosophy* (with Agnieszka Rostalska), University of Edinburgh, Scotland

2006   *Demonstratives in Logica Magna*, Workshop on Medieval Nominalism, University of Quebec, Montreal, Canada

2005   *On ontological functors of Leśniewski's Ontology*, Polish Association for Logic and Philosophy of Science (award reception), Warsaw University, Poland

Conference & workshop presentations

2020   (1) *Story coherence with Bayesian Networks* with Alicja Kowalewska, and (2) *Imprecise Credences Can Increase Accuracy wrt. Claims about Expected Frequencies*, Bayesian Epistemology: Perspectives and Challenges, LMU, Munich, Germany

2019   (1) *Modal Quantifiers, Potential Infinity, and Yablo sequences* with Michał Tomasz Godziszewski, and (2) *Combining truth values with provability values: a non-deterministic logic of informal provability* with Paweł Pawlowski, International Congress of Logic, Methodology and Philosophy of Science and Technology, Prague, Czech Republic

2018   *Infinite liar in a (Modal) Finitistic Setting*, 8th Indian Conference on Logic and its Applications, ICLA 2019, Delhi, India

    (1) *Abstraction Principles via Leśniewskian definitions. Potential infinity and arithmetic* and (2) *Narrations in judiciary fact-finding and the difficulty about conjunction*, Unilog 2018, Vichy, France

2017   *Reconciling Bayesian epistemology and narration-based approaches to judiciary fact-finding*, Sixteenth conference on Theoretical Aspects of Rationality and Knowledge 2017, University of Liverpool, United Kingdom

    Beating the Gatecrasher Paradox with Judiciary Narratives, Logic, Rationality, and Interaction 2017: 6th International Workshop, Sapporo University, Japan

    Probabilistic Explication of the Notion of Narration as Used in Judiciary Contexts, Progic 2017: The 8th workshop on Combining Probability and Logic, Munich, Germany

    Probabilistic explication of the notion of narration as used in judiciary contexts, ∃ntia et Nomin∀ 2017, Palolem, India

2016   *Understanding conditionals*, Hokudai-Ghent Joint Symposium "Connecting Japan and Belgium", Ghent, Belgium

    Failxplication of truth (untyped), Language and metalanguage, logic and meta-logic. Revisiting Tarski's hierarchy, Louvain-la-Neuve, Belgium

    Probabilistic explication of the notion of narration as used in judiciary contexts, Justification of court decisions: law-theoretic and interdisciplinary perspectives, Jabłonna, Poland

    Not too abstract abstraction principles for real numbers, Polish Ontology Nowadays, Warsaw, Poland

2015   *The non-applicability of selected paraconsistent logics*, 15th Congress of Logic, Methodology and Philosophy of Science, Helsinki, Finland

    First steps towards non-classical logic of informal provability (with Pawel Pawlowski), 15th Congress of Logic, Methodology and Philosophy of Science, Helsinki, Finland

2014   *Verbality and Disagreement in the Nyaya-Samkhya debate about causality*, Udaharanas, Drstantas and Nyayas in Texts and Contexts, Gujarat University, Ahmendabad, India

    Irrational bookies, Third Reasoning Club Conference, University of Kent, United Kingdom

    A comparative study of selected filtered paraconsistent logics, 5th World Congress on Paraconsistency, Kolkata, India

2012   *Gödelizing the Yablo sequence*, Trends in Logic XI – Advances in Philosophical Logic, Ruhr-Universität Bochum, Germany

2011   *Haecceitas and possible worlds*, Philosophical perspectives on individuals, University of Gdańsk, Poland

    (1) *Busting a myth about Leśniewski and definitions* and (2) *Platonic thought experiments? How on earth?*, 14th Congress of Logic, Methodology and Philosophy of Science, Nancy, France

(1) *Proving unprovability by de-paradoxizing paradoxes* and (2) *Dynamic modeling of "platonic" thought experiments*, ∃ntia et Nomin∀ 2011 Workshop, University of Gdańsk, Poland

A semantical approach to Yablo sentences, Seventh Barcelona Workshop on Issues in the Theory of Reference, University of Barcelona, Spain

How not to use the Church-Turing thesis against platonism, Trends in Logic IX – Studia Logica International Conference, Church's Thesis: Logic, Mind and Nature, Jagiellonian University, Cracow, Poland

Nominalistic Neologicism, XX SIUCC SEFA (Sociedad Española de Filosofia Analitica) Workshop with Crispin Wright, University of Barcelona, Spain

2010   *Platonism, Dynamic Reasoning, and Galileo on Falling Bodies*, Logic, Reasoning, Rationality, Ghent University, Belgium

Nominalism and the modal unstability of Barcan and Reversed Barcan formulas across orders, CeLL Workshop on Second-Order Modal Logic, School of Advanced Study, University of London, United Kingdom

2009   *Anti-Fregean neologicism*, Trends in the Philosophy of Mathematics (Trends in Logic VII), Goethe University, Frankfurt, Germany

(1) *Abstraction Principles, a modal interpretation* and (2) *Platonic thought experiments? Mundane but adaptive*, Société de Philosophie Analytique congress, Geneva, Switzerland

(1) *Induction from a single instance: incomplete frames* (with Frederik Van De Putte) and (2) *Adaptive reasoning with dynamic conceptual frames*, Concept Types and Frames in Language, Cognition, and Science, Heinrich-Heine-Universität, Düsseldorf, Germany

Plurals and the cumulative set hierarchy, Non-Classical Mathematics 2009, Hejnice, Czech Republic

Swinburne's modal argument for the existence of souls; Formal aspects (with Agnieszka Rostalska), Formal Methods in the Epistemology of Religion, Katholieke Universiteit Leuven, Belgium

Paradox & Reference, PhDs in Logic workshop, Ghent University, Belgium

(1) *Logic and Philosophy: a case study: a modal argument for the existence of souls* (with Agnieszka Rostalska) and (2) *Capturing dynamic conceptual frames*, Workshop & Young Researcherís Days in Logic, Philosophy and History of Science, Palais des Académies, Brussels, Belgium

Reducing sets to modalities, 31st International Wittgenstein Symposium of the Austrian Ludwig Wittgenstein Society, Kirchberg, Austria

Time Travel and Conditionals, Logica 2007, Hejnice, Czech Republic

Tooley's Example and Conditional Logics, the annual meeting of the Society for Exact Philosophy, UBC, Vancouver, Canada

Some Problems with Leśniewski's Foundations of Mathematics, Mathematical Methods in Philosophy, Banff International Research Station for Mathematical Innovation and Discovery, Canada

2006   *The (in)significance of Tooley's example*, a commentary at the Western Canadian Philosophical Association Conference, University of British Columbia, Vancouver, Canada

Editorial & organizational work

Associate Editor: Studia Logica

Referee: Bulletin of Symbolic Logic, Erkenntnis, Synthese, Council for the Humanities of the Netherlands Organization for Scientific Research, Review of Symbolic Logic, Studia Logica, Journal of Philosophical Logic, Journal of Applied Non-Classical Logic, Logique & Analyse, Journal of Philosophical Research, Foundations of Science, History and Philosophy of Logic, Theoria, Logic and Logical Philosophy, Polish Journal of Philosophy

Main Organizer: *International Conference for Philosophy of Science and Formal Methods in Philosophy (CoPS-FaM-19) of the Polish Association for Logic and Philosophy of Science*, Gdansk, Poland, *Entia et Nomina 2018*, Gdansk, Poland, *Entia et Nomina 2017*, Palolem, India, *Swamplandia - Meta-arithmetical results and their philosophical meaning*, Ghent University, 2016, *Academic Caffee of the Polish Academy of Science*, University of Gdańsk, Poland, 2016, *Trends in Logic XIV*, 2014, Ghent University, Belgium, *Philosophers' Rally*, 2012, University of Gdańsk, Poland, *Entia et Nomina 2013*, *Entia et Nomina 2011*, *Entia et Nomina 2010*, University of Gdańsk, Poland, *Graduate Colloquia Series*, University of Calgary, 2007-2008