

Michał Sikorski

Curriculum Vitae

Personal Informations

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Bachelor Thesis

Title *Re-thinking probabilistic theories of conditionals*
Supervisors Jarosław Mrozek, Rafał Urbaniak
Description In this thesis I argue that contrary to views inspired by Adams-style probabilistic approach to conditionals, conditionals are not only assertable (or not) but also true (or false). I also propose a certain re-interpretation of the probabilistic approach, on which main arguments against conditionals being truth-apt fail.

Master Thesis

Title *A probabilistic truth-conditional semantics for indicative conditionals*
Supervisors Max Kölbel, José Martínez
Description In this thesis I offer a new version of probabilistic semantics for simple conditionals. In contrast to the traditional version (developed by Ernest Adams and presented in his "The Logic of Conditionals"), it prescribes truth values to conditionals. Thanks to that difference I will be able to extend the analysis over the non-conditional embedding of conditionals and in principle over the nested conditionals.

Doctoral Thesis

Title *Conditionals, Causal Claims, and Objectivity* defended with honors
Supervisors Jan Sprenger
Reviewers Vincenzo Crupi, Igor Douven, Julian Reiss
Description In this thesis, I develop two distinct themes. The first part of my thesis is devoted to indicative conditionals and approaching them from an empirically informed perspective. In the second part, I am developing classical topics of philosophy of science, specifically, scientific objectivity and the role of values in science, in connection to recent methodological developments revolving around the Replication Crisis.

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Education

- 2010–2013 **Bachelor of Philosophy**, *University of Gdańsk*.
- 2014–2015 **Master of Analytic Philosophy**, *University of Barcelona*.
- 2016–2017 **PHD studies as a member of Jan Sprenger’s ERC Project *Making Scientific Inferences More Objective***, *University of Tilburg*.
- 2017–2020 **PHD studies as a member of Jan Sprenger’s ERC-funded project *Making Scientific Inferences More Objective* continues**, *University of Turin*.

Past positions

- 2020–2021 **Postdoc in Rafał Urbaniak’s NCN-funded project *Conceptual, formal and practical aspects of forensic and judicial applications of probabilistic tools***, *Gdańsk University*.
- 2021–2023 **Postdoc in Frank Zenker’s NCN-funded project *Theory-Reconstruction in the Empirical social and behavioral sciences (TESBS)***, *Warsaw University of Technology*.

Publications

- 2019 “On Hybrid Expressivism about Aesthetic Judgments” (with Sanna Hirvonen and Natalia Karczewska) *Grazer Philosophische Studien* 96: 541–568.
- 2021 “Minimal Theory of Causation and Causal Distinctions” *Axiomathes* 32: 53-62.
- 2021 “Objectivity for the Research Worker” (with Noah van Dongen) *The European Journal of Philosophy of Science* 11: 1-25.
- 2022 “The Ramsey Test and Evidential Support Theory” *Journal of Logic, Language and Information* 31 (3): 493-504.
- 2022 “A probabilistic truth-conditional semantics for indicative conditionals” *Semiotic Studies* 35 (2): 69-87.
- 2022 “Is Forensic Science in Crisis?” *Synthese* 200 (3): 1-34.
- 2023 “Epistemic Functions of Replicability in Experimental Sciences: Defending the Orthodox View” (with Mattia Andreoletti) *Foundations of Science*.
- 2023 “Rethinking the Acceptability and Probability of Indicative Conditionals” in D. Over and S. Kaufmann (eds.), *Conditionals: Logic, linguistics, and psychology* Palgrave Macmillan.

Publications in progress

“Causal Strength, Tendency Causal Claims, and Indicative Conditionals” (with Noah van Dongen and Jan Sprenger) accepted for publication, *Review of Philosophy and Psychology*.

“Values, Bias and Replicability” revised and resubmitted, *Synthese*.

“Emotions in Conceptual Spaces” (with Ohan Hominis) minor revisions, *Philosophical Psychology*.

“Non-epistemic Values and the Automation of Science” (with Dilectiss Liu) under review in *Erkenntnis*.

Work in progress

“Non-epistemic Values in Forensic Science”

“Objectivity of Forensic Science”

“A consensus-based checklist for assessing scientific objectivity” (with Noah van Dongen).

“Social Functions of Replicability in Experimental Sciences” (with Mattia Andreoletti and Federico Boem).

Honours and Awards

2010-2013 Scholarship “For the Best Students” Gdańsk University.

2015 “The Best Presentation” award during VII Sopotkie Forum Młodych (Seventh Sopot Conference of Young Scientist), Sopot, May 29.

2016-2020 Full PhD Scholarship in Jan Sprenger’s ERC Project “Making Scientific Inferences More Objective”.

2018 Scholarship for participation in Philosophy & Physical Computing summer workshop at Virginia Tech, Blacksburg, USA.

2019 Travel Scholarship for Values in Medicine, Science, and Technology Conference in Dallas, USA.

Selected Conference Presentations (Refereed)

2013 “Samoakceptowalność i błędokolistość w kontekście zasad weryfikacji” (Self-acceptance and Circularity in Context of Verification Rules), Philosophical Workshops in Pobierowo, Pobierowo (Poland), 9-11 May.

2015 “Formalna semantyka okresów warunkowych”, (“Formal semantics of conditionals”), VII Sopotkie Forum Młodych (Seventh Sopot Conference of Young Scientist), Sopot (Poland), 29 May.

- 2015 “A probabilistic truth-conditional semantics for simple conditionals”, Entia et Nomina 2015 conference, Kraków (Poland), 9-11 September.
- 2017 “The Ramsey Test and Evidential Support Theory”, European Congress of Analytic Philosophy, Munich (Germany), 21-26 August.
- 2017 “The Acceptability and The Probability of the Indicative Conditionals”, Fifth Annual OZSW Conference, Doorn (Netherlands), 10-11 November.
- 2018 “Values, Bias and Replicability”, The 13th conference of the Italian Society for Analytic Philosophy, Novara (Italy), 4-7 September.
- 2018 With Noah van Dongen and Jan Sprenger, “ Causal Strength, Tendency Causal Claims, and Indicative Conditionals”, The Fourth Taiwan Philosophical Logic Colloquium, Taipei (Taiwan), 15-17 November.
- 2019 With Noah van Dongen, “Objectivity for the Research Worker”, Biases in Science, Munich (Germany), 10-12 April.
- 2019 “Values, Bias and Replicability”, Values in Medicine, Science, and Technology Conference 2019, Dallas (USA), 23-25 May.
- 2019 With Noah van Dongen, Felipe Romero, and Jan Sprenger, “A practical introduction to current philosophy of science”, SIPS2019, Rotterdam (Netherlands), 7-9 June.
- 2021 “Should Forensic Science be Values-Free?”, PGSA@UT Philosophy Conference Knoxville (USA), 13–14 March.
- 2022 With Dilectiss Liu “Non-epistemic Values and the Automation of Science” Machines of Change: Robots, AI and Value Chang workshop, Delft (Netherlands), 1-3 February.
- 2022 With Ohan Hominis, poster presentation: “Emotions in Conceptual Spaces” DUCOG 2022 Dubrovnik (Croatia), 18-21 May.
- 2023 “Is Forensic Science in Crisis?” 11th International Conference on Forensic Inference and Statistics, Lund (Sweden), 12-15 June.

Teaching Experience

2020–2021 Logic for Geology Students, University of Gdańsk

Volunteering Experience

2016–Present Editor of a leaf category “Truth-Conditional Accounts of Indicative Conditionals” on PhilPapers.

2020–Present Refereeing for Journals, including *Erkenntnis*, *Philosophy of Science*, *European Journal for Philosophy of Science* and *Axiomathes*.