

Markus Pantsar

Curriculum Vitae
September 27th 2017

Occupation: Post-doctoral researcher at the University of Helsinki
Title: Ph.D., Docent/adjunct professor in theoretical philosophy, University of Helsinki
Born: July 27th 1979, Lappeenranta, Finland
Nationality: Finnish
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Education and academic degrees:

Title of Docent (adjunct professor) in theoretical philosophy, University of Helsinki, May 2017.

PhD April 29th, 2009, University of Helsinki. Theoretical philosophy, thesis: "Truth, Proof and Gödelian Arguments: A Defence of Tarskian Truth in Philosophy" under the supervision of Professor Gabriel Sandu, examined and accepted by professors Jan Woleński and Sten Lindström.

M.A. January 27th, 2004, University of Helsinki. Major: theoretical philosophy (thesis: "Arguments against Strong Artificial Intelligence"). Second major: mathematics (thesis: "Gödel's Incompleteness Theorems").

Qualified subject teacher in mathematics and philosophy, University of Helsinki, May 2016.

Language skills:

Finnish – native
English – fluent spoken and written, official translator's degree.
Swedish – fluent written, good spoken
Italian – good written and spoken
German – good written and spoken
French – moderate written and basic spoken
Romanian – basic written and spoken

Academic positions held:

Post-doctoral researcher, University of Helsinki, September 2016 –
Post-doctoral researcher, University of Helsinki, September 2012 – August 2015.
Post-doctoral researcher, Munich Center for Mathematical Philosophy, Ludwig-Maximilians-Universität München, September 2013 – July 2014.
Post-doctoral researcher, University of Bucharest, January 2012 – July 2012.
Post-doctoral researcher, University of Helsinki, January 2010 – December 2011.
Post-graduate student, theoretical philosophy, University of Helsinki, 2005-2009.

Grants:

Academy of Finland 2012 – three-year funding for the post-doctoral research project “The Mathematical and The Empirical: a New Approach to the Epistemology of Arithmetic”.

University of Helsinki 2008 – grant for finishing doctoral dissertation.

University of Helsinki 2007 – grant for advancing doctoral dissertation.

Academic visits:

Institute for Logic, Language and Computation, University of Amsterdam, March 2018 – June 2018.

University of California Irvine, C-ALPHA, December 2014 – February 2015.

Munich Center for Mathematical Philosophy, Ludwig-Maximilians-Universität München, September 2013 – July 2014.

Teaching:

Graduate-level courses

Introduction to Logic, University of Helsinki, Fall 2016

Introduction to Logic, University of Helsinki, Fall 2015.

Introduction to Logic, University of Helsinki, Fall 2014.

Introduction to Logic, University of Helsinki, Fall 2012.

Introduction to Logic, University of Helsinki, Fall 2011.

Introduction to Logic, University of Helsinki, Fall 2010.

Post-graduate level courses

Cognitive Philosophy of Mathematics, University of Helsinki, Spring 2017.

Modern Philosophy of Mathematics, University of Helsinki, Spring 2015.

Seminar in the Philosophy of Mathematics, University of Bucharest, Spring 2012.

Workshops and conferences organized:

Mathematical cognition and its relevance for the philosophy of mathematics, Bucharest, August 2014. Part of ECAP8, co-organized with Sorin Costreie.

Areas of expertise:

Philosophy – philosophy of mathematics, logic, philosophy of science, cognitive complexity.

Mathematics – logic, foundations of mathematics, set theory.

Translating – scientific and technical English to Finnish and Finnish to English.

Talks given (after receiving Ph.D.):

“Cognitive complexity and mathematical problem solving”, Fourth Philosophy of Language and Mind conference, Bochum, September 2017.

“What is arithmetic”, Ninth European Conference of Analytic Philosophy, Munich, August 2017.

“The cognitive basis of actual infinity”, Logic seminar at the Department of Philosophy, Helsinki, March 2017.

“Processes, Metaphors and Numerical Cognition”, Philosophy research seminar, Helsinki, February 2017.

“The cognitive basis of actual infinity”, Logic seminar at the Department of Mathematics and Statistics, Helsinki, November 2016.

“Early numerical cognition and mathematical processes”, Workshop: From basic cognition to mathematical practice, Seville, September 2016.

“Mathematical cognition as enculturation”, European Society for Philosophy and Psychology, St. Andrews, August 2016.

“Number-cognition: bootstrapping of the exact number concepts”, Symposium of Cognition, Logic and Communication, Riga, December 2015.

“Metaphorical thinking in mathematics”, APMP colloquium Paris, November 2015.

“From proto-arithmetical to arithmetical: the four roles language plays in the development of arithmetical thinking”, CLMPS Helsinki, August 2015.

“An empirically feasible approach to the philosophy of mathematics”, University of California Irvine, C-ALPHA talk, February 2015.

“An empirically feasible approach to the philosophy of mathematics”, University of Tampere research seminar, October 2014.

“Origins of Numerical Cognition and the Epistemology of Arithmetic,” ECAP2014, Bucharest, August 2014.

“Empirically Feasible Epistemology of Arithmetic,” Philosophy of mathematics: objectivity, cognition, and proof, Milan May/June 2014.

“The Great Gibberish: Mathematics in Western Popular Culture,” Mathematical Cultures 3, London, April 2014.

“In Search of Aleph-null – How Infinity Can Be Created,” Foundations of the Formal Sciences VIII: History and Philosophy of Infinity, University of Cambridge, September 2013.

“Empirically Feasible Epistemology of Arithmetic,” Helsinki-Tartu Workshop in Theoretical Philosophy, University of Tartu, June 2013.

“Foundational Matters in Higher Mathematics Education,” Cultures of Mathematics and Logic, Sun Yat-Sen University, Guangzhou, November 2012.

“Empirically Feasible Epistemology of Arithmetic,” Bucharest Colloquium for Analytic Philosophy, University of Bucharest, June 2012.

“Empirical Research and the Philosophy of Mathematics,” University of Bucharest, January 2012.

“The Empirical Study of Mathematical Knowledge,” The Munich Center for Mathematical Philosophy, November 2011.

“Arithmetical Truth since Frege,” Frege Colloquium, University of Bucharest, May 2011.

“Commentary on Hannes Leitgeb: ‘A Theory of Truth for Propositions,’” Truth Be Told Workshop, University of Amsterdam, March 2011.

“Empiricism and the Philosophy of Mathematics,” The Philosophy of Science Seminar, University of Helsinki, February 2011.

“At What Stage Does Mathematical Understanding Arise?,” Colloquium of The Philosophical Society of Finland, January 2011.

“What Can We Deduce from Gödel’s Incompleteness Theorems in Philosophy?,” The Philosophical Society of Finland, October 2010.

“Perspectives to Empirical Philosophy of Mathematics,” XXVI Varna International Philosophical School, June 2010.

“Epistemic Actions,” Seminar of Logic, University of Helsinki, March 2010.

“Truth, Proof and Gödelian Arguments,” Public examination of Doctoral Dissertation, University of Helsinki, April 2009.

Other

Official subject teacher’s degree, University of Helsinki (mathematics, philosophy)

Official translator’s degree (English-Finnish-English)

Referee for Synthese, Erkenntnis and several other philosophical journals.

Member of the Association for the Philosophy of Mathematical Practice.

Member of the European Society of Philosophy and Psychology.

Member of the European Society of Analytic Philosophy.

Member of Dynamis, the Finnish Network for Metaphysics.