Maria Spychalska

Personal Data	Born: 21.11.1980, Poland E-mail: m.spychalska@gmail.com Tel: +48 608 628 939
Affiliation	since June 2011: PhD research fellow, *Mercator Research Group "Structure of Memory"*, Ruhr-University Bochum; individual project title: *Cognitive basis for logical operators in semantics of natural language reasoning.*
Research Experience	February 2010 - June 2010: Guest PhD researcher at *Institute for Logic, Language and Computation, University of Amsterdam*, *Logic and Language* group. 2006-2007 PhD student at the *Institute of Philosophy, University of Warsaw* and *Graduate School of Social Research*, *Polish Academy of Science*.
Research Interests	Logic, reasoning in natural language, psycho- and neurolinguistics, formal and experimental semantics & pragmatics, cognitive science.
Education	August, 2009 - **Master of Science in Logic** *Institute for Logic Language and Computation, University of Amsterdam.* • Thesis: *Scalar Implicature and Existential Import: Experimental Study on Quantifiers in Natural Language*, ILLC Publications Series, MoL-2009-10. (http://www.illc.uva.nl/Publications/ResearchReports/MoL-2009-10.text.pdf) 2007 -2009: Student of the *Master of Logic* Programme, *Institute for Logic, Language and Computation, University of Amsterdam.* May, 2006 - **Master in Philosophy**. • Thesis title: *Qualia - functionalist and realistic approach* (in Polish). 2000 -2006: Student of the *Centre for Inter-Faculty Individual Studies in the Humanities*, *University of Warsaw.* 2000-2002: Student of the *Academia Artes Liberales - Inter-University Studies in the Humanities* - cooperation with the *Nikolaus Copernicus University in Toruń.*
Summer Schools & Workshops	2012, 6-17 August: 24th European Summer School for Logic, Language and Information (ESSLLI), Opole, Poland. 2011, 1-12 August: 23rd ESSLLI, Ljubljana, Slovenia. 2011, January: LOT winter school: graduate school in linguistics, Amsterdam. Courses: "The semantics of person and number in pronouns", "Introduction to present day syntax".

2002 - 2008 (every year): *Logical Workshop* organized by *Logical Circle* at the *University of Warsaw*: "Arithmetic, Computation and Model Theory", "Logic and Games", "Logic and Language".

October, 2000: Seminar of the *Prometheus Program* concerning inter-discipline teaching in primary and secondary schools.

Grants & Awards   August 1-12, 2011, 23rd *European Summer School for Logic, Language and Information*, ESSLLI 2011, Ljubljna: student grant for participation (fee waiver).

November 21-26, 2010: A visit research grant, *Zentrum für Allgemeine Sprachwissenschaft* (ZAS), Berlin.

2007-2009: *Huygens scholarship* for international students in the Netherlands.

2007: *Beth scholarship*, Beth Foundation (ILLC, Amsterdam).

2006-2007: Doctoral scholarship, *Institute of Philosophy, University of Warsaw* and *Graduate School of Polish Research, Polish Academy of Sciences*.

2002-2005: *Polish Ministry of Education Scholarship for Academic Excellence* (awarded four times).

2001-2005: Scientific scholarship, *College of Inter-Faculty Individual Studies in Humanities, University of Warsaw*.

Teaching   October'12-February'13: *Logic and Reasoning in Natural Language*. Cognitive Science Master, Ruhr-University Bochum.

April-July 2012: *Language and Communication: From Interpretation to Inference*. Ruhr-University Bochum.

April, 2010: *Experimental pragmatics*, invited lecture at the course *Introduction to Pragmatics* (with Tadeusz Ciecierski), *Institute of Philosophy, University of Warsaw*.

2006-2007: *Ontology*, obligatory course for first year philosophy students, *Institute of Philosophy, University of Warsaw*.

Fall, 2009: *Logic, School of Pedagogic in Warsaw ("Pedagogium")*.

Papers   "Processing sentences with negated predicates: the role of opposites", Proceedings of the 23rd ESSLLI Student Session, Ljubljana, 2011.

"From Inference to Meaning. Experimental Study on Reasoning with Quantifiers *Some* and *Most*". In Bezhanishvili, Nick, Sebastian Löbner, Kerstin Schwabe & Luca Spada, *Logic, Language, and Computation*. 8th International Tbilisi Symposium on Logic, Language, and Computation, TbiLLC 2009, Bakuriani, Georgia, September 2009, Revised Selected Papers (Lecture Notes in Artificial Intelligence 6618). Heidelberg: Springer.

"On vagueness" (in Polish: "O nieostrosci raz jeszcze"), *Studia Semiotyczne* XXVII, Polskie Towarzystwo Semiotyczne, (Polish Semiotic Society Publishing), ed. Jerzy Pelc, Warszawa 2010, p. 56-69.

Conference presentations	19-21 September 2012, *Two semantic conditions for superlative quantifiers*, Semantics and Pragmatics of Dialogue, SemDial2012, Paris.
	13 August 2012, *Superlative quantifiers and epistemic interpretation of disjunction*, *Logic and Cognition* Workshop, 24th European Summer School for Logic, Language and Information (ESSLLI), Opole, Poland.
	3-5 June 2012, *Superlative quantifiers and epistemic interpretation of disjunction*, Trends in Logic XI, *Advances in Philosophical Logic*, *Studia Logica* Conference, Bochum.
	17-19 May, 2012 *Superlative quantifiers and epistemic interpretation of disjunction*, *Logic and Cognition Conference*, Poznan.
	1 October 2011: *Processing sentences with negated predicates* (poster), Semantics and Philosophy in Europe 4, Bochum.
	25 June 2011: (invited lecture) *Logical competence and its boundaries*, Philosophers' Rally 2011, Toruń, Poland.
	11-13 March 2011: *Negatives and opposites in reasoning*, Szklarska Poreba Workshop 2011.
	9-10 December 2010: *Reasoning with vague quantifiers*, Conference "Vague Quantifiers and Vague Quantities", Zentrum für Allgemeine Sprachwissenschaft, Berlin.
	13-15 May 2010: *Are scalar implicatures default-driven. Discussion in the light of empirical data*, II International Conference *Argumentation as a Cognitive Process*, Nicolaus Copernicus University, Toruń.
	14 March 2010: *Are scalar implicatures default-driven?*, The 11th Szklarska Poreba Workshop, *Logic: Meaning and Inference in Theory and Practice*.
	21-25 September 2009: *Experimental study on reasoning with quantifiers "most" and "some"* - Eighth International Tbilisi Symposium on Language, Logic and Computation; Bakuriani, Georgia.
	11-14 March, 2009: *Scalar and existential implicatures of quantifiers "some" and "most"*; 10th Szklarska Poreba Workshop *On the Roots of Pragmasemantics*.
	May 19-21, 2006: *Inverted Spectrum hypothesis and its rejection*; International conference *Philosophers' Rally*, Opole, Poland.
Other talks and presentations	August, 2011: *Processing sentences with negated predicates: the role of opposites* (poster), 23rd ESSLLI 2011.
	14, April, 2011: *Reasoning in Natural Language*, Research Colloquium *Philosophy meets Cognitive Science*, Mercator Research Group "Structure of Memory", Ruhr-University, Bochum.
	7 May 2010: *On quantifier vagueness*, Amsterdam *Vagueness Circle*, ILLC.
	5 February 2010: *Logical competence and reasoning with quantifier*, Philosophy of Cognitive Science Seminar, Institute of Philosophy and Social Sciences, Polish Academy of Sciences.

9 & 23 January 2010: *Experiments on reasoning in natural language, Cognitive Science Forum, University of Warsaw, Institute of Philosophy.*

9 December 2009 (invited talk): *Reasoning with quantifiers "most" and "some" - empirical evidence*, The *Kurt Gödel Society*, Lecture Series - *Collegium Logicum*, Vienna.

23 November 2009: *Experimental study on scalar implicature of quantifiers "some" and "most"*, *Zentrum für Allgemeine Sprachwissenschaft* (ZAS), Berlin.

14 June, 2008: *Non-monotonicity of causal reasonings, Cognitive Science Forum, University of Warsaw, Institute of Philosophy.*

20 June, 2007: *Language intuitions and empirical evidence* - joint presentation with Justyna Grudzińska on *Science Festival*, Warsaw.

Scientific Activities	*Centre for Philosophical Research* (http://www.obf.edu.pl/)

Polish Semiotic Society (http://www.pts.edu.pl/)

Warsaw Logic Group (http://www.logika.uw.edu.pl/)

2002-2006: *Students' Logical Circle* at the *University of Warsaw.*

2003-2006: *Analytic Philosophy Student's Circle* at the *University of Warsaw.*

Academic Service Reviewing: Conference Proceedings for *Linguistic Evidence*, Tbingen, Germany 2010; Lecture Notes for Artificial Intelligence; Semantics and Philosophy in Europe, (SPE4); *Implicatures and Discourse Structure*: Workshop at the Annual Conference of the German Linguistic Society (DGfS), Gttingen, Germany, February 23-25, 2011 (PC member).

Organizing:
- Research Colloquium *Philosophy Meets Cognitive Science*, Mercator Research Group *Structure of Memory*, Spring 2012.
- March, 2011: The 12th Szklarska Poreba Worksop: *Ambiguity in Language and the Process of Disambiguation* (chair).
- March, 2010: The 11th Szklarska Poreba Workshop: *Logic: Meaning and Inference in Theory and Practice..*
- July 2008: IX Logical Workshop: *Semantics, Computation, Complexity.*
- July 2007: VIII Logical Workshop: *Logic and Language* in Szklarska Poreba (chair).
- June 2007: International Conference *50 Years of Generalized Quantifiers* in Warsaw.
- May 2007: International Conference *Philosopher's Rally* in Warsaw.

Skills and Competencies **Competence area:** Formal & experimental semantics & pragmatics, philosophical logic, psychology of reasoning, psycholinguistics.
Experimental skills: Behavioral psychological experiments (semantic judgments, reaction time, reasoning, intelligence tests), statistics, EEG measurement.
Software & Programming: LaTeX, Office, SPSS, EEG analyzer, NBS Presentation; basic: Prolog, Pascal, Matlab.

Languages: Polish (native), English (fluent), German (good); rudiments: French, Dutch, Finnish, Latin, ancient Greek.

**Other
Publications**

"Polemika z ksiażka Jerrego Fodora *Eksperci od wiazów: Jezyk myśleski i jego semantyka*" ("Discussion with *The Elm and the Expert: Mentalese and Its Semantic* by J. Fodor") [in:] *Edukacja Filozoficzna*, Nr 35, Warszawa 2003.

"Baśniowość *Władcy Pierścieni* i *Silmarillionu* w świetle *Listów* i eseju Tolkiena *O Baśniach*" ("The fairy-like character of *The Lord of the Rings* and the *Silmarillion* in the light of *The Letters* of J.R.R. Tolkien and *On fairy-tales*") [in:] Kwartalnik społeczno-kulturalny Stowarzyszenia Przyjaciół Garbatki "Moja Garbatka" (Nr 3(12)2003).

"Na poczatku było... o poczatkach świata według różnych koncepcji" ("At the beginning... about the origins of the world according to various conceptions") (coauthor) [in:] ed. A. Czetwertyński "Between the disciplines original projects", Biblioteka Prometeusz Nr 2, Fundacja "Instytut Akademii Artes Liberales", Warszawa 2001.

Other interests   Life Action Role Playing Games, Go, chess, bridge, writing, sailing, hiking.