

Wojciech Jaworski

Curriculum Vitae

Contact Data

address: Institute of Informatics, University of Warsaw, ul. Banacha 2, 02-097 Warsaw, Poland

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Personal Data

born: 8th May 1980

citizenship: Polish

Education

2004: MSc in computer science (with honours), University of Warsaw

2005: MSc in mathematics (with honours), University of Warsaw

2009: PhD in computer science, University of Warsaw

Honours

1998: finalist of XLIX Mathematics Olympiad

1999: finalist of VI Olympiad in Informatics

2001: 3rd prize in 8th International Mathematics Competition for University Students

Research interests

- Computational linguistics: natural language understanding, computational semantics and knowledge representation
- Machine learning: statistical learning theory, rough sets
- Philosophy of language
- Cognitive science

Teaching

- Graduate and undergraduate courses in: Artificial Intelligence, Information and Coding Theory, Computer Modelling, Functional and Imperative Programming, Processing of Sumerian Economic Documents at the University of Warsaw.

Service

2008: Member of PhD Students Council at Faculty of Mathematics, Informatics, and Mechanics, University of Warsaw

Projects and Grants

2004–2007: *Classifier networks*, 3 T11C 002 26, grant sponsored by the State Committee for Scientific Research of the Republic of Poland.

2005–2007: *Computer driven methods for cuneiform tablet analysis on the example of Sumerian economic documents*, 3 T11F 014 28, grant sponsored by the State Committee for Scientific Research of the Republic of Poland.

2007: Cuneiform Documents Search Engine
(available at <http://www.ur3.historia.uw.edu.pl/>)

2008–2009: *Sequential patterns in texts: extraction and analysis*, N N206 400234, PhD grant sponsored by the Ministry of Science and Higher Education of the Republic of Poland.

since 2008: *Interactive detection of process models and their properties from data*, N N516 368334, grant sponsored by Ministry of Science and Higher Education of the Republic of Poland.

Other

languages: Polish (mother tongue), English (fluent, CAE in 2001), German (basic), Latin (elementary), Sumerian (basic)

hobbies: travelling, ancient and medieval architecture, sculpture

sports: hiking, offroad cycling, aikido

Papers

- A Note on the Regularization Algorithm. *Proc. of Rough Sets and Current Trends in Computing, 4th International Conference (RSCTC 2004)*, LNAI 3066, Springer 2004, pp. 235–243.

- Model Selection and Assessment for Classification Using Validation. *Proc. of Rough Sets, Fuzzy Sets, Data Mining, and Granular Computing, 10th International Conference (RSFDGrC 2005)*, LNAI 3641, Springer 2005, pp. 481–490.
- Bounds for Validation. *Fundamenta Informaticae* 70(3), 2006, pp. 261–275.
- Learning Compound Decision Functions for Sequential Data in Dialog with Experts. *Proc. of Rough Sets and Current Trends in Computing, 5th International Conference (RSCTC 2006)*, LNAI 4259, Springer 2006, pp. 627–636.
- Automatic Tool for Semantic Analysis of Neo-Sumerian Documents. *Proc. 52nd Rencontre Assyriologique Internationale*, 2007, to appear.
- Water transport in Sumer in the kingdom of the III Dynasty of Ur (with Marek Stępień and Jerzy Tyszkiewicz). *Proc ECML/PKDD'2007 Discovery Challenge*, 2007.
- Generalized Indiscernibility Relations: Applications for Missing Values and Analysis of Structural Objects. *Transactions of Rough Sets* 8, LNCS 5084, 2008, pp. 116–145.
- Contents Modelling of Neo–Sumerian Ur III Economic Text Corpus. *Proc. of the 22nd International Conference on Computational Linguistics (COLING 2008)*, 2008, pp. 369–376.
- Rule Induction: Combining Rough Set and Statistical Approaches. *Proc. of Rough Sets and Current Trends in Computing, 6th International Conference (RSCTC 2008)*, LNCS 5306, 2008, pp. 170–180.
- *Ontology-Based Knowledge Discovery from Documents in Natural Language*. PhD thesis, University of Warsaw, 2009.
- Search Engine for the Cuneiform Economic Documents Corpus. *Proc. 54e Rencontre Assyriologique Internationale*, 2009, to appear.
- Ontology-Based Content Extraction from a Polish Biobibliographical Lexicon. *Recent Advances in Intelligent Information Systems*, EXIT, 2009, pp. 27–40.
- Hybridization of Rough Sets and Statistical Learning Theory. *PTransactions of Rough Sets*, LNCS, 2010. (to appear)