

Sergei Obiedkov

Department of Applied Mathematics and Information Science
National Research University Higher School of Economics
Bol'shoi Trekhsvyatitel'skii per. 3, Moscow, Russia
E-mail: sergei.obj@gmail.com

- Education**
- PhD in Theoretical Foundations of Computer Science, for the work on
Algorithms and Methods of Lattice Theory and Their Application in Machine Learning,
All-Russian Institute of Scientific and Technical Information (VINITI)
Moscow, Russia March 2003
- Diploma in Theoretical and Applied Linguistics,
Russian State University for the Humanities,
Moscow, Russia June 1999
- Experience**
- Associate Professor**, Department of Applied Mathematics and Information Science,
National Research University Higher School of Economics, Moscow, Russia
Sept 2006–present
- Visiting Professor**, Faculty of Computer Science, Technische Universität Dresden,
Dresden, Germany Nov 2012—Feb 2013
- Associate Professor**, Faculty of Innovation and High Technology, Moscow Institute
of Physics and Technology, Moscow, Russia Aug 2006–June 2011
- Visiting Professor**, Institute of Computer Science, Warsaw University of Technology,
Warsaw, Poland May 2011
- Deputy Chair** of Image Recognition and Text Processing, Moscow Institute of Physics
and Technology, Moscow, Russia Aug 2006–Aug 2010
- Deputy Head** of the Group of Professional Development, ABBYY Software, Moscow,
Russia Aug 2006–Aug 2010
- Postdoctoral Fellow**, Department of Computer Science, University of Pretoria, South
Africa Aug 2005–July 2006
- IT Consultant**, Transmark/SAB Miller, Moscow, Russia Oct 2004–Mar 2005
- Diderot Fellow**, Maison des Sciences de l'Homme, Paris, France Apr–Jun 2004
- Research Assistant**, Institute of Algebra, Technische Universität Dresden, Dresden,
Germany Jun 2003–Feb 2004
- Translator**, MAIK “Nauka/Interperiodica”, Moscow, Russia Jan 1999–May 2003
- Programmer**, Basis Software, Moscow, Russia July 2000–Feb 2003
- Programmer**, AMSD, Moscow, Russia Dec 1998–June 2000

Awards	<ul style="list-style-type: none"> • Scopus Award Russia 2013 “for outstanding contribution to the field of computer science” from Elsevier and Russian Ministry of Education and Science • “Outstanding Teacher 2012” award from Higher School of Economics
Expertise	Artificial intelligence, formal concept analysis, knowledge representation, data analysis, logics, algorithms, and applications in text mining and natural language processing.
Programming skills	C++, C#, Java, Python, inter alia
Committees and reviewing	<p>Program Co-Chair of</p> <ul style="list-style-type: none"> • International Conference on Concept Lattices and Their Applications, Seville, Spain, 2010 • International Conference on Formal Concept Analysis, Montreal, Canada, 2008 • Workshop “Social Network Analysis and Conceptual Structures: Exploring Opportunities”, Clermont-Ferrand, France 2007 <p>Editorial Board Member of International Conference on Formal Concept Analysis</p> <p>Program Committee Member of</p> <ul style="list-style-type: none"> • International Conference on Concept Lattices and Their Applications • International Conference on Conceptual Structures • International Conference on Pattern Recognition and Machine Intelligence • Conference on Artificial General Intelligence (AGI-13) • Occasionally, other conferences and workshops <p>Reviewer for several academic journals including <i>Annals of Mathematics and Artificial Intelligence</i>, <i>Evolving Systems</i>, <i>Fundamenta Informaticae</i>, <i>IEEE Transactions on Knowledge and Data Engineering</i>, <i>Information Sciences</i>, and <i>International Journal of Foundations of Computer Science</i></p>
Research project leader	<ul style="list-style-type: none"> • Discrete mathematical models for political analysis of democratic institutions and human rights (Higher School of Economics, Moscow, 2010-2011) • Taxonomy construction based on concept lattices and biclustering (Higher School of Economics, Moscow, 2008-2009)
Teaching experience	<ul style="list-style-type: none"> • Programming in C++ and Python • Concepts of programming languages • Discrete mathematics • Computational models and computational complexity • Logic and automated reasoning • Non-classical logics and knowledge representation • Intelligent systems (including topics in natural language processing) • Contextual logics (in English, TU Dresden) • Conceptual knowledge acquisition and processing (in English, Warsaw University of Technology) • Introduction to formal concept analysis (in English, TU Dresden)
Languages	Russian (native), English (fluent), French (intermediate)