

Mikhail ZASLAVSKIY

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Date of birth: 6 September 1981
Citizenship: Russia

EDUCATION

- Since 2006 PhD student at the Center for Computational Biology & the Center for Mathematical Morphology, **Ecole des Mines de Paris**, France
- 2005-2006 DEA (Second year of Master program) “Computer Vision and Machine learning”, **ENS-Cachan & Ecole Polytechnique**, France
- 2004-2005 International Program at **Ecole Polytechnique**, France. Certificate with honors
- 1998-2003 Master of science in Mathematics at **Saint Petersburg State University**, Russia. Diploma with honors
- 1995-1998 **Lyceum 239** specialized in mathematics and physics, Russia

CONFERENCE TALKS

- 2009 47th Annual Meeting of the Association for Computational Linguistics (ACL-IJCNLP 2009). Talk on *Phrase-Based Statistical Machine Translation as a Traveling Salesman Problem*
- 2009 17th Annual International Conference on Intelligent Systems for Molecular Biology (ISMB-ECCB 2009). Talk on *Global alignment of protein-protein interaction networks by graph matching methods*
- 2008 “International Conference on Signal and Image Processing (ICISP 2008)” 2008. Talk on *A path following algorithm for the graph matching problem*
- 2007 Workshop “Journées de géostatistique” 2007. Talk on *Positive definite kernels for graphs: applications in chemistry and image analysis*
- 2004 The 1st International Conference on Longevity, Aging and Degradation Models. Talk on *Forecast of Survival Time*

PUBLICATIONS

- M. Zaslavskiy, M. Dymetman, N. Cancedda* **Phrase-Based Statistical Machine Translation as a Traveling Salesman Problem** “Proceedings of the 47th Annual Meeting of the Association for Computational Linguistics (ACL-IJCNLP 2009)”: Jul.2009. Acceptance rate: 21%
- M. Zaslavskiy, F. Bach, J-P. Vert* **Global alignment of proteinprotein interaction networks by graph matching methods** “Bioinformatics Oxford”: Proceedings of ISMB-ECCB 2009. Acceptance rate: 18%
- B. Hoffmann, M. Zaslavskiy, J-P. Vert, V. Stoven* **A new protein binding pocket similarity measure based on comparison of 3D atom clouds: application to ligand prediction** “Arxiv: <http://arxiv.org/abs/arxiv:0907.1531/>”: 2009
- M. Zaslavskiy, F. Bach, J-P. Vert* **A Path Following Algorithm for the Graph Matching Problem**, “IEEE Transactions on Pattern Analysis and Machine Intelligence”: Oct. 2008
- A. Bart; V. Bart; A. Steland;M. Zaslavskiy* **Modeling disease dynamics and survivor functions by sanogenesis curves**, “Journal of Statistical Planning and Inference”, 132 (1-2): 2005, USA
- M. Zaslavskiy* **One Method of Concomitant Observation Account at the Forecast of Survival Time**. The proceedings of The First International French-Russian Conference “Longevity, Aging and Degradation Models in Reliability, Public Health, Medicine and Biology” 2004

A. Bart, M. Zaslavskiy **One model of reliability function** “Mathematical models. Theory and Applications. Vol. 5”, Saint Petersburg State University, 2004, Russie.

POSTERS

The 5th ISCB Student Council Symposium, 2009

Scientific Excellence Promotion Day at XRCE (Xerox Research Center Europe), 2008

NIPS 2008 Workshop on Analyzing Graphs: Theory and Applications, 2008

PROFESSIONAL EXPERIENCE

- sept-dec. 2008 Internship at **Xerox Research Center Europe**, Cross-Language Technologies group on “Machine translation and traveling salesman problem”
- august 2007 9th Machine learning summer school, Tübingen, Germany
- avr-sept 2006 Internship in the Center for Computational Biology and the Center for Mathematical Morphology, **Ecole des Mines de Paris** (France) on “Protein segmentation: some machine learning approaches”
- avr-jul 2005 Internship at TAO (machine learning and optimization lab), **INRIA** (France) on “Variable selection in laser control”
- jan-june 2004 Teaching Assistant in the **Saint Petersburg State University**, “Statistics”
- jan-sept 2004 “COMCON-SPb” (marketing research company). Statistical analysis of public opinion surveys, Saint Petersburg, Russia
- 2002 - 2003 “Petrosoft-trade”. Software engineer (MSSQL Server 2000, VBA), Saint Petersburg, Russia

Peer-review activities

Conference reviewer for NIPS, ICML and ECML

SOFTWARE

GraphM package, <http://cbio.ensmp.fr/graphm/>

Paris package, <http://cbio.ensmp.fr/paris/>

FELLOWSHIPS & GRANTS

ACL-IJCNLP 2009 Travel grant

ISMB-ECCB 2009 Travel grant

The 9th Machine Learning Summer School registration grant 2007

The Ecole Polytechnique Master Program fellowship, 2005-2006

The Ecole Polytechnique International Program fellowship, 2004-2005

LANGUAGES

French: fluent, English: strong, Russian: native

RELEVANT SKILLS

- Programming languages: C++, Matlab, SQL, Pascal, VBA, Perl
- Scientific software: Matlab, \TeX / \LaTeX , Statistica, SPSS 10.0
- OS: Linux, Microsoft Windows

REFERENCE CONTACTS:

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