

CURRICULUM VITAE 2010

PROFESSOR, DR. FARID ABLAYEV

- **Address**

Institute of Informatics, Mushtary str., 20, Kazan 420012, Russia.

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- **Education**

- Doctor of physics and mathematics (second level. Corresponds to Habilitation dissertation in Germany. Computer Science); March 1995; Department of Mathematics and Mechanics, Moscow State University.

Thesis topic: *Communication complexity of probabilistic computations and its applications.*

- Kandidat of physics and mathematics (first level. Corresponds to PhD of Computer Science); March 1983; Department of Computer Science, Saratov State University.

Thesis topic: *On Comparing the Possibilities of the Deterministic Probabilistic and Nondeterministic Real time Machines.*

- Ms Mathematics; May 1975; Kazan State University.

- **Work Experience**

Director of Institute of Informatics (Academy of Science of Tatar Republic) (2008-present).

Chair Professor of Theoretical Cybernetics Department (1997-present), Kazan State University (KSU).

Professor (1996-1997) of Theoretical Cybernetics Department, Kazan State University.

Docent (corresponds to Associate Professor) (1986-1996) Theoretical Cybernetics Dept., KSU.

Assistant (corresponds to Assistant Professor) (1983-1986) Theoretical Cybernetics Dept., KSU.

Research Assistant (1978-1983) Theoretical Cybernetics Dept., KSU.

- **PhD Thesis Supervision**

Aida Gainutdinova , Kazan State University, Computer Center of Russia Academy of Science Moscow, 2000-2004, Ph.D Thesis: *Comparative complexity of quantum and classical models of computations.*

Airat Khasianov , Kazan State University, Bonn University, co-advisor M. Karpinski, 2001-2005, Ph.D Thesis: *Complexity Bounds on some fundamental computational problems for quantum branching programs.*

Alexander Vasiliev , Kazan State University, 2007-2009, Ph.D Thesis: *Effective algorithms for quantum branching programs.*

- **Visiting research positions**

1992 Spring semester. Rochester University, USA. Fulbright scholar.

1994 Sept. - Oct. 1995 May - Oct. 1996 Aug. - Nov. 1997 July - Dec. 1998 June - Sept., University of Bonn, Germany. Volkswagen-Stiftung program on Computational Complexity and Discrete Mathematics.

2000 spring, autumn. Aachen, Trier, Wuerzburg, Ulm, and Bonn Universities, Germany.

2001 autumn. Bonn, Ulm, Wuerzburg, and Hamburg Universities. Germany.

2002. May. Turku University. Finland.
 2002 August-December. Max-Planck Institute for Mathematics, Bonn, Germany.
 2003. September-October. Institute of Advanced Study, Princeton, USA.
 2003. October-December. Max-Planck Institute for Mathematics, Bonn, Germany.
 2006. March-April. Max-Planck Institute for Mathematics, Bonn, Germany.
 2006. July-August. Swiss Federal Institute of Technology Zurich (ETH).
 2007. March-April. Max-Planck Institute for Mathematics, Bonn, Germany.
 2007. July-August and November-December. Turku University. Finland.

• **Participation in conferences and workshops**

- 3rd International Computer Science Symposium in Russia (CSR 2008) June 7-12, 2008, Moscow, Russia. Russian-Indian Workshop Algebra, Combinatorics and Complexity (ACC 2008)
- Workshop on Computational, Descriptive and Proof Complexity, and Algorithms Independent University of Moscow, Russia, August 29-31, 2007 French-Russian Poncelet Laboratory, Moscow State University. Invited speaker.
- Workshop on Probabilistic and Quantum Automata, 2007, Turku. Invited speaker.
- Dagstuhl Seminars (Germany):
 Algebraic Methods in Complexity Theory October 2009, October 2007;
 Algebraic Methods in quantum and classical Models of Computation, October 2004, October 2002;
 Structure and Complexity, October 1996.
- International Colloquium on Automata Languages and Programming (ICALP) (Greece 2009, Spain 2002, Switzerland 2000, Italy 1997, Germany 1996, Sweden 1993).
- International Symposium on Fundamentals of Computer Theory (FCT) (Sweden 2003; Latvia 2001; Russia 1987).
- International Symposium on Mathematical Foundations of Computer Science (MFCS) (Slovakia 2000, Poland 1989; Czechoslovakia 1988, 1986).
- Stochastic Algorithms and Applications (SAGA) 2005 Moscow, Russia.
- International Conference Development in Language Theory (DLT) 2005, Palermo, Italy, 2007 Turku, Finland.
- International Conference Quantum Informatics (QI) 2004, 2005, Moscow Russia.
- International Conference on Language and Automata Theory and Applications LATA 2007 Tarragona, Spain
- International Symposium on Logical Foundations of Computer Science (LFCS) (St. Petersburg, Russia 1994).
- Satellite Workshop of DLT'07 on Probabilistic and Quantum Automata, 2007, Finland
- Satellite Workshop of MFCS'98 on Probabilistic Algorithms (Czech Republic 1998).
- International Workshop on Probabilistic Algorithms (France 1994).
- former USSR and Russia conferences on Computer Science (Kazan 2002, 2008, Moscow 2004, 2000, 1998, 1995, 1993, 1991, 1989; Saratov 1993; Gorky 1990; Irkutsk 1987; Riga 1985; Saratov 1983).

• **Conferences Organization**

- 5th International Computer Science Symposium in Russia (CSR 2010) June, 2010, Kazan, Russia (Conference Chair).
- 15th Russia International Conference Problems of Mathematical Cybernetics. 2008 (co chair)
- 13th Russia International Conference Problems of Mathematical Cybernetics. 2002 (co chair)

• **Membership in Program Committees**

- 4th International Computer Science Symposium in Russia (CSR 2009) August, 2009, Novosibirsk, Russia.
- Russia Conference Problems of Mathematical Cybernetics. 2002, 2008 (co chair).
- 18th IFIP World Computer Congress 2004 TCS2004. 3rd IFIP International Conference on Theoretical Computer Science. Track 1 TCS-Algorithms
(<http://www14.in.tum.de/konferenzen/WCC2004-TCS>)
- International Multi-Conference on Computing in the Global Information Technology (ICCGI) 2006
(<http://www.iaria.org/conferences/ICCGI06.html>)
- Workshop on Probabilistic and Quantum Automata, 2007, Turku, Finland (Satellite Workshop of International Conference Development in Language Theory (DLT) 2007),
(<http://www.math.utu.fi/projects/dlt2007/pqa/>)
- SAGA 2007 4th Symposium on Stochastic Algorithms, Foundations, and Applications 13-15 September 2007 ETH Zurich
(<http://saga07.inf.ethz.ch>)
- The Second International Multi-Conference on Computing in the Global Information Technology ICCGI 2007 March 4-9, 2007 - Guadeloupe, French Caribbean
(<http://www.iaria.org/conferences2007/ComICCGI07.html>)
and
The Third International Multi-Conference on Computing in the Global Information Technology ICCGI 2008 July 27 - August 1, 2008 - Athens, Greece
(<http://www.iaria.org/conferences2008/ICCGI08.html>)