Curriculum Vitae Dima Grigoriev

May/10/1954 born in Leningrad,

Education

1971 High School in Leningrad

1971 Immatriculation at the Dept. of Mathematics and Mechanics of Leningrad State University

1976 Graduated from the University with Master Degree.

Positions

1976 Scholarship at the Leningrad Dept. of the Mathematical V. A. Steklov Institut of the Academy of Sciences of the USSR (LOMI).

1978 Junior Sci. Collaborator in the Laboratory of Math. Logic at LOMI.

1984 Senior Sci. Collaborator in the Laboratory of Math. Logic at LOMI.

1988 Head of Laboratory of Algorithmical Methods in LOMI.

1988 Professor (partial position) at Leningrad Polytechnical Institut, Dept. of Computer Mathematics.

1992 Professor, Departments of Computer Sciences and Mathematics, Penn State.

1998 Directeur de recherche au CNRS, Mathématiques, Université de Lille-1, Volleneuve d'Ascq, 59655, France

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Scientific Degrees

1979 Ph. D. at LOMI (advisor - Senior Sci. Collaborator at LOMI A. Slisenko). Theme:

"Multiplicative Complexity of a Family of Bilinear Forms"

1985 Second Doctor by the Superior State Testing Committee of the USSR. Theme:

"Computational Complexity in Polynomial Algebra"

Visiting Professor

1982, 1995 at Eidgenössische Technische Hochschule in Zürich.

1986 at Universität Saarbrücken (Germany).

1988 at Universität Linz (Austria)

1992 at l'Université de Nice (France)

1994 at University Pampeu Fabra, Barcelona.

1989-1991, 2001, 2005-2009 at Max-Planck-Institut für Mathematik, Bonn (Germany).

1988, 1991-1998 at Universität Bonn.

1995, 1996 at l'Université Paris-12.

1995-1999, 2001-2006 at IHES, Bures-sur-Yvette (France).

1998 at MSRI, Berkeley (USA)

1999 at University of Bath (Great Britain)

2000 at Maxwell Institute, Edinbourg (Great Britain)

2003-2005 at Fraunhofer Institut, Sankt Augustin (Germany)

Advisor for Doctoral Theses

- I. Ponomarenko: Complexity of Isomorphism Recognizing for Classes of Graphs Closed under Contractions. LOMI, 1986.
- A. Ayad: Complexity of solving parametric systems of polynomial equations. Université de Rennes, 2006.

Advisor for Master Theses

- A. Morgoulis: Efficient Algorithms for Solving Singular Linear Systems. Dept.Math., Penn State University, 1997.

Languages

- Russian, English, French, German.

Speaker at Conferences

1979 V. All-Union Conference on Math. Logic, Novosibirsk.

1981 I. All-Union Conference on Complexity, Leningrad.

1983 II. All-Union Conference on Complexity, Grodno.

1984 International Symposium on Mathematical Foundations in Computer Sci., Prague.

1985 III. All-Union Conference on Complexity, Riga.

1985 International Conference on Analytic Computations, Dubna.

1986 International Congress of Mathematicians, Berkeley, **45 min.**

1986 Oberwolfach Conference on Complexity.

1987 European Colloquium on Algebraic Computations (EUROCAL), Leipzig.

1988 IX. All-Union Conference on Math. Logic, Leningrad.

1988 Oberwolfach Conference on Complexity.

1989 All-Union Conference on Effective Methods in Number Theory, Minsk.

1990 Effective Methods in Algebraic Geometry, Pisa

1990 ACM International Symposium on Symbolic Algebraic Computations, Tokyo.

1990 Oberwolfach Conference on Real Algebraic Geometry.

1990 Oberwolfach Conference on Complexity.

1991 Dagstuhl Conference on Continuous Complexity.

1991 Dagstuhl Conference on Interpolation Problems.

1991 ACM International Symposium on Symbolic Algebric Computations, Bonn.

1992 Effective Methods in Algebraic Geometry, Nice.

1993 International Symposium on Applied Algebra and Error-Correcting Codes, Puerto-Rico.

1993 AMS Annual Meeting, Syracuse NY.

1993 Workshop on Continuous Algorithms and Complexity, Barcelona.

1994 International conference on Effective Methods in Algebraic Geometry, Santander, Spain.

1994 Workshop on algorithmic Complexity of algebraic and geometric Modelling, Paris.

1994 Oberwolfach Conference on Complexity.

1995 International Conference on Numerical Methods, Utah

1995 IEEE Symposium Foundations of Computer Sciences, Milwaukee WI.

1995 Dagstuhl Conference on Real Computations and Complexity

1996 Symposium on Theory of Complexity, Yorktown Heights, IBM

1996 ACM International Symposium on Symbolic Algebric Computations, Zürich

1996 Oberwolfach Conference on Complexity

1997 Oberwolfach Conference on Finite Fields

1997 AMS Annual Meeting, College Park MD.

1997 ACM Symposium on Theory of Computing, El Paso TX.

1997 Conference "Complexity and Geometry", Toronto, Canada.

1998 First Pacific Conference on Mathematics, Hong Kong

1998 Conference "Complexity Lower Bounds", Toronto, Canada

1998 Dagstuhl Conference on Quantum Computations

1998 Dagstuhl Conference on Real Computations and Complexity

1998 Oberwolfach Conference on Complexity

1999 Meeting of Volkswagen-Stiftung, Berlin

2000 Workshop on Finite Models and Logics, Paris

2000 Workshop on Models of Computations, Edinbourgh

2000 Oberwolfach Conference on Complexity

2001 Congress on Real and Analytic Geometry, Rennes, France

2001 Workshop on Moderate Geometry, Luminy, France

2001 Conference Logic and Computer Science, Paris

2003 Workshop on Codes and Cryptography, Roquencourt, INRIA, France

2003 Oberwolfach Conference on Complexity

2004 Workshop on Proofs in Computations, Luminy, France

2004 Workshop on Algebraic Methods in Cryptography, Dortmund, Germany

2004 Workshop on Real Computations, Dagstuhl, Germany

2005 Workshop on Theoretical Computer Sciences, Montpezat, France

2005 Workshop on Algebraic Methods in Cryptography, Bochum, Germany

2007 Workshop on Combinatorial Group Theory, Dortmund, Germany

2009 Workshop on Logic and Complexity, Paris

Other Activities

- Member of the Editorial Board of the Journal "Computational Complexity"
- Member of the Editorial Board of the Journal "Applicable Algebra in Engineering, Communications and Computations"
- Member of the Editorial Board of the Journal "Groups, Complexity, Cryptology"
- Member of the Program Committees of the International Conferences:
  - Effective Methods in Algebraic Geometry, Pisa 1990, Nice 1992, Santander 1994, Eindhoven 1996, Rennes 1998, Bath 2000, Kaiserslautern 2003, Alghero (Italy) 2005, Linz (Austria), 2007, Barcelona 2009.
  - ACM Symbolic Algebraic Computations, Tokyo 1990, Kiev 1993, London (Canada) 2001.
  - International Congress of Mathematicians (section of Mathematical Aspects of Computer Science), Berlin 1998, India 2010.
  - Computer Science in Russia, St.Petersbourg 2006, Yekatirenbourg 2007, Moscow 2008, Novosibirsk 2009, Kazan 2010.
- co-head of the group on Theory of Complexity attached to Volkswagen-Stiftung (1993-1999)

Prizes

- Prize of Leningrad Mathematical Society, 1984,
- Max-Planck-Prize of Max-Planck Society, Germany, 1994,
- Humboldt-Prize of Humboldt Foundation, Germany, 2002.