CURRICULUM VITAE

Arzhantsev Ivan Vladimirovich born on 22/10/1972 in Kiev, married, five children

Address: Department of Higher Algebra, Faculty of Mechanics and Mathematics, Lomonosov Moscow State University, Leninskie Gory 1, Moscow, 119991 Russia

Phone: +7-495-939-16-11 **Fax:** +7-495-939-20-90 **E-mail:** arjantse@mccme.ru

URL: http://mech.math.msu.su/algebra/en/wiki/doku.php/staff:arzhantsev

Home Address: mikroraion "V" 52-236, Troitsk, Moscow Region, 142191 Russia

Citizenship: Russia

Education

1987-1990: phys.-math. Kiev's Higher 145th School

July 1989: successfully completed the course of study at the International Science and Mathematics Summer Institute at LaSalle Academy, New York, USA

1990 − 1995: student at Moscow State University; supervisor: Ernest Vinberg; diploma's title: "On a class of SL(2)-actions"; specialities: Mathematics, Applied Mathematics

June 1995: Moscow State University's Honours Diploma

November 1995 − May 1998: graduate student at Moscow State University

22 May 1998: *Ph.D. thesis* "On Reductive Group Actions with Spherical Orbits"; supervisor: Ernest Vinberg; reports by Vladimir Popov and Dmitry Panyushev; the degree is obtained on 20 November 1998

25 December 2010: *Doctor thesis (Habilitationsschrift)* "Embeddings of Homogeneous Spaces and Geometric Invariant Theory"; scientific advisor: Ernest Vinberg; reports by Dmitry Akhiezer, Arkady Onishchik and Alexander Panov; the degree is obtained on 11 March 2011

Professional Career

• Teaching Assistant (1995-99), Associate Professor (1999-00) at Moscow State Pedagogic University

• Lecturer (2005) at Graduate School of Business Administration, Lomonosov Moscow State University

• Associate Professor (2008-09) at Moscow Saint-Tikhon Orthodox University

• Lecturer (1999 – now) at Independent University of Moscow

• Junior Research Fellow (1999-04), Assistant Professor (2004-05), Associate Professor (2005 - now) at Lomonosov Moscow State University

Prizes

- Simons Award for Former Winners of Pierre Deligne and Dynasty Contests (2011)
- Academiae Europaeae Prize for Young Russian Scientists (2006)
- Second Diplomas at All-Union Mathematical Olympiads: Donesk (1988), Riga (1999)

Grants

- Pierre Deligne's Grant based on 2004 Balzan Prize in Mathematics, 2008-2010
- Russian Foundation of Fundamental Research (RFBR)
  ○ Initiative Grants 2009-2011, 2005-2007, 2001-2003, 1998-2000, 1996;
  ○ Grants MAC 2003 and 2002;
  ○ International Grants: 2010-2011 (Japan), 2009-2010 (Ukraine), 2008-2009 (UK)
- INTAS Fellowship Grant for Young Scientists, 2006-2008, the University of Tübingen
- Grant INTAS-Open, 1998-2000, joint with the University of Basel
- Grant for Young Scientists of Moscow State University, 2008
- Grant of the President of Russian Federation, 2004-2005
- CRDF Cooperative Grants Program 2004-2006, 2000-2002, and 1997-1998; the Long-Term Research Grant "Algebraic Transformation Groups and Invariant Theory", 1994-1995
- European Community Network "Algebraic Groups", 1997-1999, Institute Fourier
- Soros Student Program Grants, 1995-1998

Invited talks (recent choice)

- Conference "Toric Topology 2011 in Osaka", Japan, November 2011
- Seminar "Geometry, Topology, and their Applications", Sobolev Institute of Mathematics, Novosibirsk, Russia, August 2011
- Seminar on Algebra and Number Theory, University of Cologne, Germany, July 2011
- Seminar on Algebra and Geometry, University of Basel, Switzerland, May 2011
- Journées de Géométrie Affine á Grenoble, France, May 2011
- Conference "Torsors: Theory and Applications", Edinburgh, UK, January 2011
- Shafarevich Algebraic Seminar, Steklov Institute, Moscow, Russia, November 2010
- Seminar on Algebraic Geometry, Freie University, Berlin, Germany, July 2010
- Workshop on Lie Groups and Algebraic Groups, Bielefeld, Germany, July 2010
- Geometry Seminar, University of Edinburg, UK, November 2009
- Conference "New Horizons in Toric Topology", Manchester, UK, July 2008
- Session of the Moscow Mathematical Society, Moscow, Russia, February 2008

• Workshop "Group Embeddings: Geometry and Representations", Banff, Canada, September 2007

• Workshop on Lie Groups, Algebraic Groups and Transformation Groups, Bielefeld, July 2006

• Mathematical Colloquium, University of Tübingen, Germany, June 2006

• International Conference on Toric Topology, Osaka, Japan, May-June 2006

• Algebraic Seminar, Institute Henri Poincare, Paris, France, May 2003

• Workshop on Geometric Representation and Invariant Theory, Manchester, UK, March 2003

• International Conference "Geometry and Topology of Quotients", Tucson, USA, December 2002

• Program "Algebraic Groups, Invariant Theory and Applications", Vienna, Austria, August 2000

• First Colloquium on Lie Theory and Applications, Vigo, Spain, July 2000

• Ecole Normale Superier, Lyon, France, December 1996

• Conference "Algebraic Group Actions", Kazimierz, Poland, May-June 1996

• Conference "Algebraic Transformation Groups and Invariant Theory", Anogia, Greece, August 1995

Visits

August – September 2011: Sobolev Institute of Mathematics, Novosibirsk, Russia

June – August 2011: Mathematical Institute, University of Tübingen, Germany

March – May 2011: Institute Fourier, Grenoble, France

July – September 2010: Mathematical Institute, University of Tübingen, Germany

June – July 2010: Institute Fourier, Grenoble, France

January – February 2010: Institute Fourier, Grenoble, France

June – September 2009: Mathematical Institute, University of Tübingen, Germany

February – June 2007: Mathematical Institute, University of Tübingen, Germany

June – July 2006: Mathematical Institute, University of Tübingen, Germany

April – July 2005: Mathematical Institute, University of Tübingen, Germany

April – July 2003: Institute Fourier, Grenoble, France

March – March 2003: University of Manchester, UK

September – November 2001: Institute Fourier, Grenoble, France

August – September 2000: Erwin Schrodinger Institute, Vienna, Austria

March – May 1999: Institute Fourier, Grenoble, France

December 1996: Institute Fourier, Grenoble, France

Conference and Olympiad Organization

- The coordinator of Algebraic Student Olympiads at Lomonosov Moscow State University, 2006 – now
- Second School-Conference "Lie Algebras, Algebraic Groups and Invariant Theory", 31 January – 5 February 2011, Moscow, Russia
- Summer School-Conference "Lie Algebras, Algebraic Groups and Invariant Theory", 8-15 June 2009, Samara, Russia
- International Conference "Transformation Groups" dedicated to the 70th anniversary of Ernest Vinberg, 17-22 December 2007, Moscow, Russia

Reviewer Activity

- Mathematical Journals: Annals of Combinatorics, Arkiv für Mathematik, Central European Journal of Mathematics, Communications in Algebra, Functional Analysis and its Applications, Journal of Algebra, Journal of Lie Theory, Linear Algebra and its Applications, Linear and Multilinear Algebra, Mathematical Notes, Moscow Mathematical Journal, Osaka Mathematical Journal, Proceedings of the Steklov Institute of Mathematics, Sbornik: Mathematics, Siberian Mathematical Journal, SIGMA, Transactions of the Moscow Mathematical Society, Transformation Groups
- Review Journals: Mathematical Review (155 Reviews), Zentralblatt (95 Reviews), VINITI Russian Abstract Journal (117 Reviews)
- Institutions and Funding Organizations: Higher School of Economy, Moscow, Russia and Swiss National Science Foundation (SNSF)
- A Consulting Editor of a special issue of Journal of Mathematical Sciences (Springer), volume 161, 2009 (with E.Golod and D.Timashev)
- A member of the Editorial Board of the series "Computer Mathematical Computations", Moscow-Izhevsk Publishing House

Languages

Russian (native), English (fluent), Ukrainian (fluent), German (basic), French (basic)