

Curriculum Vitae

PERSONAL

Nikita Evseev

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Married, Russian. Born on April 27, 1985 in Novosibirsk

EDUCATION

10/2011 - 10/2014 Graduate studies. Novosibirsk State University and Sobolev Institute of Mathematics.

07/2009-06/2011 M.Sc. Mathematics, Novosibirsk State University.
Master's dissertation: Description of superposition operators of weighted Sobolev spaces. (Mark: excellent (A))

07/2005-06/2009 B.Sc. Mathematics, Novosibirsk State University.
Diploma: Problems of invariance of weighted Sobolev spaces on the metric structures. (Mark: excellent (A))

Scientific adviser Prof. Sergey Vodopyanov.

FIELDS OF RESEARCH

Mathematical Analysis, Sobolev Spaces,
Geometric Measure Theory, Stochastic Analysis

RESEARCH EXPERIENCE

Sobolev Institute of Mathematics, Novosibirsk, Russia

2013 – present Research Fellow at Geometric Control Theory Laboratory

2008 – 2011 Student Research Fellow at Geometric Analysis Laboratory

TEACHING EXPERIENCE

2014, 2015 *Heilongjiang University (Sino-Russian Institute), Harbin, China*
Visiting lecturer for an undergraduate course Complex analysis

2011-present *Novosibirsk State University, Physics Department.*
Teaching Assistant for: Calculus, Functional Analysis,
Complex Analysis.

2007 Mathematics teacher in Summer School.

CONFERENCES AND WORKSHOPS

- April 2014 Conference. GEOMETRY & CONTROL. Steklov Mathematical Institute, Moscow. (poster talk)
- December 2013 Conference. Mathematical Technology of Networks - QGraphs. Bielefeld University, Germany. (talk)
- August 2013 Conference. Differential Equations. Function Spaces. Approximation Theory. Novosibirsk, Russia. (talk)
- August 2013 The 23rd Jyväskylä Summer School. Jyväskylä University, Finland
- August 2013 Conference. XXII Rolf Nevanlinna Colloquium. Helsinki University, Finland. (poster)
- July 2013 Summer School. The Bellman function technique in harmonic analysis. Institut Mittag-Leffler, Sweden. (talk)
- June 2013 Norwegian Summer School on Analysis and Geometry. Bergen, Norway. (poster)
- September 2012 Conference. Geometry Days in Novosibirsk. Russia. (talk)
- August 2012 Teletzky Lake Geometrical Analysis Workshop. Lake Teletzky, Russia. (talk)
- November 2011 Workshop. Technology Transfer. Freiburg and Heidelberg, Germany.
- September 2011 International Workshop. Applied Methods of Statistical Analysis, Simulations and Statistical Inference. Novosibirsk, Russia. (talk)
- April 2009 XVII International Scientific Students Conference. Novosibirsk, Russia. (talk)

PUBLICATIONS

- 2014 Isomorphisms of Sobolev spaces on Carnot groups and quasi-isometric mappings.
Siberian Mathematical Journal. 2014. Vol. 55, Issue 5, pp 817-848 (with S. K. Vodopyanov).
- 2014 Complex numbers and functions. Elements and examples. *Novosibirsk State University* 2014.

STUDY PROJECTS

- 2011 Light Curve Analysis in Highly Evolved Close Binary Stars. Inverse and ill-posed problems in astrophysics.
- 2010 Approximation and interpretation of experimental data. Problems of Computational Algebra.

WORK EXPERIENCE

- 2011-2014 Competentum (e-Learning software company). Quality Assurance (Checking problems in statistics and physics)

2009 Azoft (software development company) Novosibirsk, Russia. Mathematician and Analyst (Time series analysis)

AWARDS AND HONORS

09/2014 Grant for young lectures of Physics Department, Novosibirsk State University.

12/2013 Travel grant. Center for Interdisciplinary Research (ZiF), Bielefeld University.

09/2011 Certificate for a special report at School Applied Methods of Statistical Analysis.

01/2010 - 06/2011 Special scholarship to excellent master students.

08/2007 Certificate for a good work at Summer School.

07/2007 - 01/2008 Special scholarship for excellent study results.

2006 Top ten ranked in Novosibirsk State University Mathematics Olympiad.

LANGUAGES

Russian native

English good (85 TOEFL ibt)

Japanese basic

COMPUTER SKILLS

Linux

C/C++ Basic programming skills.

R Experience with elementary statistics. Touching some examples of data analysis algorithms.

Octave, FEniCS Some experience with computational packages.

Novosibirsk, April 21, 2015