

Andrey Yu. Verisokin

Curriculum Vitae

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Degree

- 2014 PhD (Phys&Math), Voronezh State Technical University. Thesis title: "Mathematical modelling of self-sustained oscillations regulated by variation of parameters in a system with cubic nonlinearity"

Education

- 2006–2011 Student at Kursk State University, Physics and Mathematics Faculty, diploma project "Mathematical model for regulation and control of glycolytic self-sustained oscillations by periodic variation of parameters", Department of Mathematical Analysis and Applied Mathematics
- 2011–2014 PhD-student at Kursk State University

Appointments

- 2011–pres. Junior researcher at the Theoretical Physics Department of the Research Center for Condensed Matter Physics, Kursk State University

Memberships

- 2012-pres. International Society of Difference Equations (ISDE)
- 2012 American Society of Naturalists

Activity as a reviewer

IEEE Control Applications, (CCA) & Intelligent Control, (ISIC)

Awards

- 2009 Award of IEEE TSDC& CSDS financial support program for MSC 2009
- 2010 Honorary title "The Young Researcher of the Year 2010", Kursk Region
- 2011 Stipend Program of the Dynasty Foundation for graduate students
- 2011 Travel Grant of Russian Foundation for Basic Research
- 2013-pres. Grant Program of the Dynasty Foundation for PhD-students
- 2012–2013 Scholarship of the President of the Russian Federation for PhD-students

Teaching experience as a lecturer

- 2011–pres. Methods of Mathematical Physics
- 2013–pres. Computer Modelling in Biochemistry
- 2013–2014 Quantum Mechanics and Quantum Chemistry
- 2013–2014 Physical Methods of Investigation in Biochemistry
- 2013–pres. Theoretical Mechanics
- 2013–pres. Wavelet Theory

Registered Software

A.Yu. Verisokin. MATLAB-library for mathematical modelling of temperature control of glycolytic reaction in a closed chemical reactor. *Certificate of state registration of computer software No.2013611649, 30. 01. 2013*

Selected conference participation

IEEE Multi-conference on Systems and Control (MSC 2009), July 8–10, 2009, S.-Petersburg (Russia)

Seminar on Nonlinear Dynamics at Institute of Physics of Berlin Humboldt University, November 30, 2009, Berlin (Germany)

8th AIMS International Conference on Dynamical Systems, Differential Equations and Applications, May 25–28, 2010, Dresden (Germany)

International Workshop “Analysis of Complex Biological Systems: Models and Experiment”, January 24–30, 2011, Puschino, Russia

2nd International Symposium "Rare Attractors and Rare Phenomena in Nonlinear Dynamics" (RA'11), May 16–20, 2011, Riga–Jūrmala (Latvia)

International Workshop “The Analysis of Complex Biological Systems. Mathematical Models of Subcellular Systems”, January 28 – February 2, 2013, Puschino (Russia)

International Conference “Mathematical Methods and Models in Biosciences” (BIOMATH 2013), June 16–21, 2013, Sofia (Bulgaria)