

Darya V. Verveyko

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Curriculum Vitae

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Degree

- 2014 PhD (Phys&Math), Voronezh State University. Thesis title: "Mathematical modelling of finite volume effects during self-sustained processes in a chemical reactor"

Education

- 2006–2011 Student at Kursk State University, Physics and Mathematics Faculty, diploma project "Mathematical modelling of finite volume effects in self-sustained processes within a chemical reactor", 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–pres. Association for Computability in Europe (CiE)
- 2013 European Society for Mathematical and Theoretical Biology (ESMTB)

Awards

- 2010 Honorary title "The Young Researcher of the Year 2010", Kursk Region
- 2010–2011 Scholarship of the President of the Russian Federation for graduate students
- 2012 Grant of the program "Elsevier Women in Computability"
- 2012 Travel Grant of Russian Foundation for Basic Research
- 2012 ESMTB Financial Support to Travel to Mathematical/Theoretical Biology Meetings
- 2012–2013 Scholarship of the Government of the Russian Federation for PhD-students

Teaching experience as a lecturer

- 2011–pres. Methods of Mathematical Physics
- 2012–2014 Mechanics of Continuum Media
- 2014–pres. Simulation of Physical Processes
- 2012–pres. Preparatory course in Physics, Mathematics and Computer Science for international students

Registered Software

D.V. Vervevko. Three-dimensional Simulation Model of Open Chemical Reactor for the Study of Glycolytic Self-sustained Wave Processes. *Certificate of state registration of computer software No.2013611619, 29. 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)

International Turing Centenary Conference CiE 2012 – How the World Computes, June 18–23, 2012, University of Cambridge (United Kingdom)

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)