Evgeni Burovski

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arXiv author id (scientific publications): http://arxiv.org/a/burovski_e_1
github (open source contributions): http://github.com/ev-br
bitbucket (mostly private projects): http://bitbucket.com/burovski
Online aggregator: http://burovski.me

Education

2007 PhD, Theoretical Physics, University of Massachusetts, Amherst, USA
2001 MSc with honors, Applied Physics and Mathematics, Moscow Institute of Physics and Technology, Russia

Work Experience

2016-present: Docent, School of applied mathematics, MIEM HSE, Moscow, Russia

2010-2015: Lecturer, Physics Department, Lancaster University, UK

>   Tenure-track position. Permanent from 2013.
>   Responsibilities included research on aspects of theoretical/computational condensed matter physics, relevant administrative duties, supervision of MSci and PhD students, undergraduate and graduate teaching.

2008-2010: Postdoctoral researcher, LPTMS, Université Paris-Sud, France

>   Worked on aspects of theoretical/computational condensed matter physics

2007: Postdoctoral researcher, Ernst-Moritz-Arndt Universität Greifwald, Germany

>   Worked on aspects of theoretical/computational condensed matter physics

2003-2006: Teaching/Research assistant, University of Massachusetts Amherst, USA

>   Worked towards a PhD in physics, specializing on effects of strong correlations in condensed matter systems. Thesis title: *Simulations of strongly-correlated fermion systems*.

2001-2002: Research and Development associate, Kinetic Technologies ltd., Moscow, Russia (http://www.kintech.ru/)

>   Design, development and delivery of computational models for characterization of electro-physical properties of thin oxide films for (then)

next-generation MOSFET applications.
Consulting job, contracts with Motorola, BP etc.

2001: Teacher of physics, "Fizteh-college" («Физтех-колледж») supplementary education school, Moscow, Russia (part-time)

2001: *Mathematica* developer, MIPT Networking lab, Moscow, Russia

Developed symbolic computation packages for Wolfram's *Mathematica* (quaternions, parabolic complex numbers, and analytic continuation solvers for systems of nonlinear integro-differential equations)

Volunteer experience

1995-2001: Teaching associate and group leader, **2011-present:** Lecturer, Krasnoyarsk Summer School, Krasnoyarsk, Russia

Work with gifted high-school students in a supplementary education system; Taught several natural sciences/maths/comp science courses, organized physics/maths competitions.

2013-present: Scientific Python (SciPy, www.scipy.org) development.
SciPy is an open source library for mathematics, science and engineering.
Core development team member from October 2013.
Release manager from 2015.