

## Jacek Jakowski

National Institute for Computational Sciences,  
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### Education/Training

University of Warsaw, Warsaw Poland	Theoretical Chemistry	Ph.D	2002
University of Warsaw, Warsaw Poland	Theoretical Chemistry	M.Sc	1996

### Research and Professional Experience

2010–Present Computational Scientist, National Institute of Computational Sciences, University of Tennessee, Knoxville, TN

2007- 2010 Research Associate, Emory University, Atlanta, GA

2004 -2007 Postdoctoral Research Associate, Indiana University, Bloomington, IN

2002- 2004 Postdoctoral Research Associate, University of Utah, Salt Lake City

1998-2002 Assistant Professor of Physical Chemistry, Medical University of Warsaw, Faculty of Pharmacy, Warsaw, Poland

### Professional Activities, Honors and Awards

2008-2009 Advanced programming courses: (a) operating system programming, (b) parallel processing; Math & Computer Science Dept. ; Emory University

2008 Nvidia's Professor Partnership Program (with Keiji Morokuma)

2002 Distinguished Ph.D. University of Warsaw

1998 Electoral College fellow

1997-1999 President of Ph.D. student body, Department of Chemistry, University of Warsaw

### Synergistic Activities

- 1 Co-organizer of two Conferences (a) “*Second Annual EPSCoR Workshop: Modeling Advanced Materials, Systems Biology and Alternative Energy Sources*”, Knoxville, October 10-12/2011. <http://www.nics.tennessee.edu/EOT/Epscor>, (b) “*Electronic Structure Calculation Methods on Accelerators*”, Oak Ridge/Knoxville, February 5-8, 2012 <http://www.olcf.ornl.gov/event/electronic-structure-calculation-methods-on-accelerators/>
- 2 Referee for the (a) Nuclear Instruments and Methods in Physics Research B (2010), (b) GPU computing Gems, (c) DOE INCITE proposals (computational readiness), (d) Xsede
- 3 Lecturer at several HPC national workshops and international workshops. Invited talks at International workshops (a) *DFTB Thai Summer School in Computational Chemistry*, Bangkok, Oct.2010, (b) “*Large Scale Computer Simulations*”, Aachen/Julich, Germany, March 2011, (c) IRSES, Nagoya, March 2012
- 4 Member of (a) American Chemical Society, (b) International Society for Theoretical Chemical Physics, (c) American Association for the Advancement of Science
- 5 Mentoring 5 undergraduate and graduate intern students during years 2010-2012

**Collaborators**

Keiji Morokuma (Emory University), Stephan Irle (Nagoya University), Sophya Garashchuk (University of South Carolina), Steven Stuart (Clemson University), Poul Jorgensen (Aarhus University), Predrag Krstic (Joint Institute for ComputOak Ridge National Laboratory), Bobby Sumpter (Oak Ridge National Laboratory), Grzegorz Chalasinski (University of Warsaw), Jack Simons (University of Utah)

**Graduate and Postdoctoral Advisors**

Keiji Morokuma (Emory University), Srinivasan Iyengar (Indiana University), Jack Simons (University of Utah), Grzegorz Chalasinski (University of Warsaw, Poland)