Alexander V. Shapeev

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Education

2009: PhD, National University of Singapore (GPA: 5.0 out of 5.0)
2003: Master of Mechanics, Novosibirsk State University, Russia (GPA: 5.0 out of 5.0)
2001: Bachelor of Mechanics, Novosibirsk State University, Russia (GPA: 5.0 out of 5.0)

Work Experience

since 2011: Postdoctoral Researcher, School of Mathematics, University of Minnesota
2009–2011: Postdoctoral Researcher, Chair of Comput. Math. & Num. Analysis (ANMC), Swiss Federal Institute of Technology (EPFL)
2009: Research Engineer, Lavrentyev Institute of Hydrodynamics, SB RAS, Russia
2008: Research Assistant, Dept. of Math., National University of Singapore
2006–2008: Graduate Tutor, Dept. of Math., National University of Singapore
2003–2004: Teacher of Computer Science in Specialized Educational Scientific Center of Novosibirsk State University
2002–2004: Teacher of Computer Science in Novosibirsk State University
since 2001: Judge of Wide-Siberia Programming Contest
1999–2004: Junior researcher at Lavrentyev Institute of Hydrodynamics, SB RAS, Russia

Honors and Achievements

- Letters of Commendation for Graduate Tutor, Dept. of Math., National University of Singapore (2008, 2009)
- Best Graduate Researcher Award, National University of Singapore (2007)
- Third Prize, EASIAM Student Paper Competition (2007)
- ACM International Collegiate Programming Contest World Finals (2002)
- ACM ICPC World Finals (2000)
- Scholarship of the President of Russian Federation, Novosibirsk State University (1999)

Service

2006–2007: President of Graduate Students' Society, National University of Singapore
2005–2006: Member of organizing committee of APRU Doctoral Student Conference
2005–2007: Member of Executive Committee of APRU (Association of Pacific Rim Universities) Doctoral Student Network
2005–2006: IT director of Graduate Students' Society, National University of Singapore

Areas of Expertise

- Numerical analysis • scientific computing • atomistic mechanics • numerical homogenization • fluid mechanics