

Ivan Savelyev

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EMPLOYMENT HISTORY

04/2005 - present:

Employer: University of Miami/RSMAS, FL, USA. **Title:** Graduate Assistant.

- Experimental research on ocean wind-wave energy input and dissipation.
- Laboratory automation including data acquisition, digital vision and motion control.
- Ph.D. Thesis preparation.

09/2002 - 01/2005:

Employer: Institute for Problems in Mechanics, Moscow, Russia. **Title:** Engineer.

- Experimental research on stratified flows over obstacles.
- High precision continuum imperfections visualization.
- M.S. Thesis preparation.

07/2003 - 09/2003:

Employer: Environmental Network International, Edenton, NC, USA. **Title:** Intern.

- Visual Basic Script and SQL programming.
- Analysis and reconfiguration of large scale databases.

EDUCATION

09/1999 - 01/2005:

Moscow State University, Russia. B.S.: Physics, M.S.: Physics of Sea and Inland Waters.

SKILLS AND ABILITIES

Software: MATLAB, NI Labview, SQL, MathCAD, Mathematica, Adobe Premiere, Adobe Photoshop, MS Office, MS Windows.

Hardware: NI: PXI, Vision and DAQ; Galil: digital motion control; Dantec Dynamics: PIV; TSI: turbulence and temperature measurements; Shadow method flow visualization.

On-board experience: CTD, ADCP, XBT, buoy deployments. Total sea time - 27 days.

Languages: - English, Russian. US Permanent Resident since 2001.

HONORS AND ACTIVITIES

- Marine Science Graduate Student Organization Representative 2006-2007,
- Outstanding Student Paper Award winner at AGU 2006 fall meeting,
- The Royal Caribbean/Ocean Fund Fellowship for fall 2005,
- American Geophysical Union member since 2002,
- Letters of appreciation at Moscow Mathematical Olympiad in 1997 and 1998,
- Certificates of Honor for 2nd and 3d places at Moscow District Physics Olympiad in 1997 and 1999,
- Winner Diploma at MIPT Olympiad in Physics and Mathematics in 1998.

Last update Oct 2007