

Concise CV

Svetlana Roudenko

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DEGREES

- Ph.D.** (*Mathematics*), Michigan State University 2002
Advisor: Michael Frazier
- M.S.** (*Applied Math.*), Obninsk State Technical University, Russia 1996

APPOINTMENTS

- Assistant Professor*, Arizona State University Aug 2004 – present
Visiting Research Scholar, IHP & Université de Cergy-Pontoise, France Feb – Aug 2009
Research Member, MSRI, Univ. of California - Berkeley Fall 2005
Assistant Research Professor, Duke University Sept 2002 – Aug 2005
Guest Scientist, Los Alamos National Lab July 2003 – May 2004

GRANT FUNDING

- NSF-DMS grant # 0808081 (Analysis program) “*Dynamics of Solutions to the Nonlinear Dispersive PDEs*”, 06/01/08 - 05/31/11, single PI
- NSF-DMS grant # 0652833 “*FRG: Collaborative Research: Integrated Mathematical Methods in Medical Imaging*”, co-PI, 30%, 08/15/07-08/14/10
- NSF-DUE grant # 0633033 (CCLI program) “*Innovations in Undergraduate STEM Education: Mathematical Exploration of Medical Imaging*”, 01/01/2007 - 01/31/2010, single PI
- NSF-DMS grant # 0401602/0531337 (Analysis program) “*Methods of Harmonic Analysis in PDE and Integrable Systems*,” 07/01/2004-06/30/2007, single PI
- NSF-DMS grant # 0541690 (REU to # 0401602), 10/01/2005-06/30/2008
- European IHP Network HARP (Harmonic Analysis and related Problems) *Junior Research award*, for research semester at De Giorgi Center, Pisa, Italy, 06/01/2004-07/12/2004.
- “*Image Recovery and Denoising Algorithm Design*,” Los Alamos National Lab grant # W-7405-ENG-36, 07/2003-05/2004.

OTHER AWARDS

- *Excellence in Teaching* (Senior Graduate TA Award Honorable Mention), Michigan State University, Spring 2000

PUBLICATIONS AND PREPRINTS: refer to webpage