

VALERIYA N. STAROVOITOVA

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Professional Preparation

Purdue University, Ph.D. Physics, 2007
St-Petersburg State University, B.S. Physics, 1996

Professional Experience

2009 - present Idaho State University, Post-doctoral Researcher
2007 - 2009 Idaho State University, Visiting Assistant Professor

Publications Most Related to the Proposed Project:

1. *Valeriya Starovoitova, et al.*, Cu-67 photonuclear production, 7th ICI, Moscow, September 2011
2. *Valeriya Starovoitova, et al.*, Photonuclear production of medical isotopes, AIP Conference proceedings, vol. 1336, 2010

Five Other Significant Publications:

1. *Valeriya Starovoitova, et al.*, Photofission of Actinides with Linearly Polarized Photons, AIP Conference proceedings, vol. 1336, 2010
2. Valeriya Starovoitova et al., Determination of coupling dynamics in molecular crystals of iron octaethylporphyrin (FeOEP), *Journal of Physical Chemistry B*, 112, 12656, 2008
3. Valeria Starovoitova et al., Vibrational spectroscopy and normal mode analysis of Fe(II)octaethylporphyrin, *Journal of Physical Chemistry B*, 110, 13277, 2006
4. Valeria Starovoitova et al., Iron dynamics in the simplest model heme: Fe(OEP) normal mode determination, *Biophysical Society's 50th Annual Meeting Proceedings*, 2006
5. Sokolov V.I., Gruzdev N.B., Shirokov E.A., Starovoitova V.N., Experimental and theoretical studies of lattice distortions caused by charged 3d impurities in II-IV semiconductors, *Physics of the solid state*, 44 (8): 1526-1528, 2002

Synergistic Activities

2012 - present

Faculty and mentor at the World Nuclear University Radiation Technology School

2011 – present

Advisory committee member to the World Nuclear University Radiation Technology School

2008 – present

Mentor and Lecturer, REU Program and High School Interns Program, Idaho State University

2005 – present

Judge, Undergraduate Research Poster Competition, Science Fairs and Olympiads, Purdue University and Idaho State University

2006-2007

Women in Science Leadership Team Member, Purdue University