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 Oak Ridge National Laboratory
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EDUCATION

- Ph.D., Experimental and Theoretical Solid State Physics, Joint Institute for Nuclear Research (JINR), Dubna, Russia, 1997
- M.Sc., Solid States Physics and Quantum Electronics, Physics and Engineering Institute (MEPhI), Moscow, Russia

RESEARCH INTEREST

Low-dimensional magnetism, topological systems, topological insulator/magnetic insulator heterostructures, spin dynamics in magnetic multilayers structures via ferromagnetic resonance, oxide heterostructures, superconductors, organic spin-valves, magnetic nanocomposites and soft matter, organic photovoltaics, development and application of neutron scattering techniques.

PROFESSIONAL POSITIONS

Senior R&D Staff, Neutron Sciences Directorate	Oak Ridge National Laboratory 2008-present
Research Scientist, Institute Laue Langevin, Grenoble, France	Institute Laue Langevin, Grenoble France 2007
Research Scientist	Technical University of Munich, Germany 1999 – 2007
Research Scientist	University of Konstanz, Germany 1995 - 1999
Scientist	European Synchrotron Radiation Facility, Grenoble, France 1994 - 1995
Research Scientist	Laboratoire de Magnetisme CNRS, Grenoble, France 1993-1994
Staff Scientist	Joint Institute for Nuclear Research, Dubna, Russia 1980 – 1993
Junior Research Fellow	Joint Institute for Nuclear Research, Dubna, Russia 1978 – 1980

PROFESSIONAL ACTIVITIES

- Author/coauthor of more than 140 refereed original research papers with 1994 citations and h-index of 23 (Web of Science), 2,917 citations and h-index of 28 (Google Scholar), 8 book chapters and 6 review articles, co-editor of the Proceedings of the 1994 International Conference on Surface X-ray and Neutron Scattering SXNS-3
- Presented 69 invited talks at international workshops and conferences, including one plenary talk at the Nanostructured surfaces and materials Meeting (Nano2019), June 2019 Buenos Aires, Argentina, Lectured at 17 national and international neutron scattering schools
- Service to professional societies
 - Chair-elect Magnetic Interfaces Division, American Vacuum Society 2021

- Chair Magnetic Interfaces Division, American Vacuum Society 2020
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- Chair-elect Magnetic Interfaces Division, American Vacuum Society 2016
- Conference Organization:
- Member, Program Committee Workshop on Innovative Nanoscale Devices and Systems (WINDS) 2021
- Member, Program Committee Workshop on Innovative Nanoscale Devices and Systems (WINDS) 2020
- Member, Advisory Committee, International Conference on Polarized Neutrons for Condensed Matter Investigations (PNCMI) 2021
- Member, Advisory Committee, International Conference on Polarized Neutrons for Condensed Matter Investigations (PNCMI) 2020
- Member, Program Committee Workshop on Innovative Nanoscale Devices and Systems (WINDS) 2019
- Chair, Session “Spintronics: materials and spin-based phenomena”, Workshop on Innovative Nanoscale Devices and Systems (*WINDS*) 2019
- Member, IEEE MMM Selection Committee and onsite review panel for Best Student presentation award, Las Vegas, 2019
- Chair, Program committee for AVS Symposium, Division MAGNETIC INTERFACES & NANO-STRUCTURES (MIND) AVS, 2018
- Moderator Session “Magnetism and Spin-Orbit Coupling at Surfaces, Interfaces and Thin Films”, AVS, 2018
- Member, MMM Steering Committee onsite review panel Pittsburgh, 2017
- Co-Chair, Session “Novel Magnetic Order at Interfaces”, AVS 64, 2017
- Co-Chair, session Thin Magnetic Films Magnetic Interfaces International Conference Neutron Scattering, 2017
- Chair, Program committee for AVS Symposium, MIND AVS, 2017
- Member, Advisory Committee, International Conference on Polarised Neutrons for Condensed Matter Investigations (PNCMI) 2017 - 2018
- Member, Program committee, AVS Symposium, Division MAGNETIC INTERFACES & NANO-STRUCTURES (MIND) AVS, 2016
- Member, Selection Committee onsite review panel Best Postdoc Poster, 14th International Conference Surface X-ray and Neutron Scattering, 2016
- Member, Program Committee AVS Surface Science division, 2017
- Member, Program Committee AVS Thin Films division, 2016
- Member, Advisory Committee, International Conference on Polarised Neutrons for Condensed Matter Investigations (PNCMI) 2016
- Member, Selection Committee Best Postdoc Poster, International Conference Neutron Scattering, 2015, Mumbai, India
- Chair, Micro symposium "Complementary use of Neutrons and Photons in Magnetism", XXII Congress and General Assembly of the International Union of Crystallography (IUCr), Spain, 2011
- Chair, Topical Conference on Neutron Scattering, 58th AVS International Symposium and Exhibition, Nashville TN, 2011.

- Member, Organizing Committee, Workshop on the data reduction and analysis in Reflectometry, Oak Ridge National Laboratory 2011.
- Co-Chair, International Workshop on Reflectometry, Off-specular Scattering, GISANS, (ROG) Switzerland, 2005
- Member, Advisory Committee, International Conferences on Surface X-ray and Neutron Scattering, SXNS (1994 – 2005)
- Co-Chair and co-Editor of the International Conference on Surface X-ray and Neutron Scattering, SXNS-3, 1993
- Scientific secretary of the Annual International Workshop on the Condensed Matter Studies at the Reactor IBR-2 (1984-1991)
- Other service to the scientific community
 - Reviewer for the Journal Nature Materials, Nature Physics, Nature Scientific Reports, Nuclear Instruments and Methods, Physical Review Letters and Physical Review B , Langmuir, Journal of Magnetism and Magnetic Materials, Review of Scientific Instruments, Journal of Vacuum Science and Technology
 - Proposal Reviewer,
 - Office of Basic Energy Sciences (BES) of the US Department of Energy,
 - Experimental proposals at the National Institute of Standards and Technology Centre for Neutron Research (NIST, Gaithersburg, MD)
- Special appointments
 - Committee Member, Distinguish Fellowship Oak Ridge National Laboratory, 2016 – 2019
 - Visiting Scientist, Institute Laue Langevin, Grenoble, France, 1993 – 2006
- Supervised Postdocs, Graduate and Undergraduate Students since 1997 - present

PROFESSIONAL SOCIETIES

- Member, American Physical Society, Topical Group on Magnetism and its Applications (GMAG)
- Member, Neutron Scattering Society of America
- Member, American Vacuum Society

AWARDS AND HONORS

- 2018 Service award Oak Ridge National Laboratory
- 2017 Award for Excellence in Beam Line Science SNS-HFIR User Group, Oak Ridge National Laboratory
- 2005 Distinguished scientific work: “Nano-composites made to order” Institute Laue-Langevin, Grenoble, France
- 1993 Award Grant from Directorate-General of the Services, Direction of Economy, Research and the Higher Education of Region Rhone-Alpes, France