

Andrey A. Podlesnyak

Neutron Scattering Scientist, Neutron Scattering Division, Oak Ridge National Laboratory

Contact Information

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Professional Interests

Condensed matter physics, quantum materials, frustrated magnets, low-dimensional magnets, highly correlated electron systems, high-temperature superconductivity, spin dynamics, high-pressure phenomena, neutron scattering and instrumentations, spectroscopic and diffraction methods.

Employment

- 2008-present Neutron Scattering Scientist, Cold Neutron Chopper Spectrometer, Neutron Scattering Division, Neutron Sciences Directorate, Oak Ridge National Laboratory.
- 2006-2008 Instrument Scientist, single crystal diffractometer IN-4, Hahn-Meitner-Institut, Berlin, Germany.
- 2002-2006 Instrument Scientist, TOF spectrometer FOCUS, Laboratory for Neutron Scattering, ETH Zurich & Paul Scherrer Institute, Switzerland.
- 2000-2002 Instrument Scientist, triple-axis spectrometer TASP, Laboratory for Neutron Scattering, ETH Zurich & Paul Scherrer Institute, Switzerland.
- 1994-2000 Physicist, Institute for Metal Physics, Ekaterinburg, Russia.
- 1992-1993 Post.Doc., Laboratory for Neutron Scattering, ETH Zurich & Paul Scherrer Institute, Switzerland.
- 1984-1992 Junior Research Associate, Institute for Metal Physics, Ekaterinburg, Russia.

Education

- 1991 Ph.D. in Physics, Institute for Metal Physics, Ekaterinburg, Russia.
- 1979-1984 Graduated in Physics, Ural State University, Ekaterinburg, Russia.

Publications

Orcid profile [0000-0001-9366-6319](https://orcid.org/0000-0001-9366-6319)
Instrument Website <https://neutrons.ornl.gov/cncs>
Citations Web of Science: 4895, h=35;
 Scopus: 5051, h=35;
 Google Scholar: 6714, h=38.

Postdocs Mentoring

Liusuo Wu, 2015 – 2018.
 Currently: Associate professor, Southern University of Science and
 Technology, Shenzhen 518055, China.

Tao Xie, 2020 – 2023.
 Currently: Associate professor, Sun Yat-sen University,
 Guangzhou, 510275, China

Membership in Professional Societies

American Physical Society
Neutron Scattering Society of America
Swiss Neutron Science Society