

Stephan Rosenkranz

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<http://www.msd.anl.gov/neutron-and-x-ray-scattering/home>
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Education

1996 Ph.D. Physics, ETH Zurich
1992 Diploma in experimental physics (cum laude), ETH Zurich

Professional Experiences

09/11 – *present* Group Leader, Neutron and X-ray Scattering, Argonne National Laboratory
12/05 – *present* Physicist, Argonne National Laboratory
04/02 – 12/05 Assistant Physicist, Argonne National Laboratory
04/02 – 12/03 Research Assistant Professor, University of Illinois, Chicago
01/00 – 04/02 Post-Doctoral Fellow, University of Illinois, Chicago
10/96 – 01/00 Post-Doctoral Associate, Argonne National Laboratory.
10/94 – 09/95 Visiting Scientist, ISIS Facilities, Rutherford Appleton Labs, U.K.
11/92 – 10/96 Assistant, Laboratory for Neutron Scattering, ETH Zurich & Paul Scherrer Institut, Switzerland.

Awards

2006 University of Chicago Distinguished Performance Award.
2000 Fellowship for Advanced Researchers, Swiss National Science Foundation
1997 Medal of the ETH Zürich.
1992 Polya-award of the Department of Mathematics and Physics, ETH Zürich.

Professional Activities

Program Co-Chair, American Conference on Neutron Scattering, Washington DC, June 24-28, 2012.
Member, Program Subcommittee, American Conference on Neutron Scattering, 2008.
Chair, Executive Committee, NIST Center for Neutron Research (NCNR) User Group, 2008-2009.
Vice-Chair, Executive Committee, NCNR User Group, 2006-2007.
Member, Proposal Review Panel, Advanced Photon Source, ANL, 2012 – *present*.
Member, Neutron Scattering Science Review Committee, SNS Oak Ridge, 2010 – *present*.
Member, Beamtime Allocation Committee, NIST Center for Neutron Research, 2007 – 2012.
Member, Review Committee for Directors LDRD programs, Argonne 2006-2009.
Co-Organizer, Workshop on “Competing Interactions and Colossal Responses in Transition Metal Compounds”, Telluride, CO, 2009 & 2011.
Co-Organizer, Focus Topic “Complex Oxides”, March Meeting 2008.
Co-Organizer, Workshop on “Diffuse Neutron Scattering at Pulsed Sources”, Argonne, 2003.
Chair, local organization committee, Sixth International Conference on Spectroscopies of Novel Superconductors, Chicago, May 13 – 17, 2001.
Principal Investigator for the *Corelli* instrument under construction at SNS, Oak Ridge

Research Interests

Structure and dynamics of strongly correlated systems, in particular the role of phase competition in generating complex phenomena. Investigation of longrange order and excitations and shortrange correlations and fluctuations due to the presence of groundstates with competing order. Development of novel neutron and x-ray scattering instrumentation and data analysis tools.