



Organizing Committee:

Thomas Brückel
Yixi Su
Rainer Bruchhaus
Barbara Köppchen
Franziska Michel (Administration)
Paulo Innocente (IT-Support)

Contact:

Forschungszentrum Jülich GmbH
Jülich Centre for Neutron Science at FRM II
Lichtenbergstr. 1
85747 Garching
Germany

e-mail: jcns-workshop@fz-juelich.de

The workshop is supported by



www.fz-juelich.de/jcns

Location and accommodation:

Conference Center of the Evangelische Akademie Tutzing at lake Starnberg in the area south of Munich.
<http://www.ev-akademie-tutzing.de/en/>
<http://www.tutzing.de/>

Participants will be accommodated on-site at the Conference Center in Tutzing. Single and double rooms are available. If the number of participants may exceed the available number of rooms, equivalent accommodation in nearby hotels in Tutzing will be organized.



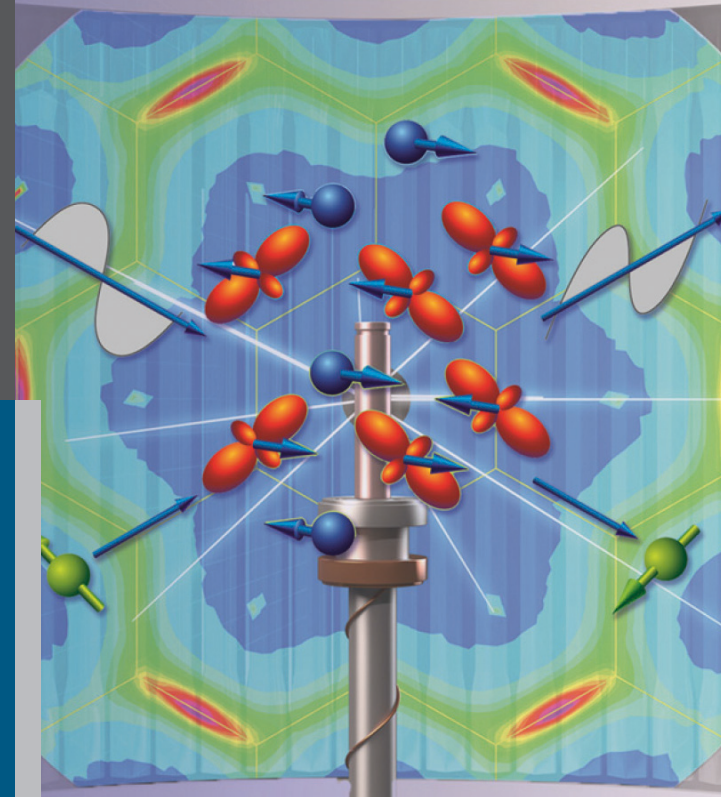
Workshop Fee:

Full fee: 430 EUR (7% VAT included)
Students: 250 EUR (7% VAT included)
The workshop fee includes full lodging (3 nights) and board at the Conference Center, workshop dinner and excursion.
Workshop fee without accommodation: 200 EUR (7% VAT included).

After registration payment via bank transfer to:

Forschungszentrum Jülich GmbH
Sparkasse Düren
Account 337709
Bank identification number (BLZ) 395 501 10
Reference: Reference number JCNS – last name

IBAN: DE14 3955 0110 0000 3377 09
SWIFT/BIC: SDUEDE33XXX



Member of the Helmholtz Association

JCNS Workshop 2013 Trends and Perspectives in Neutron Scattering: Magnetism and Correlated Electron Systems

7 – 10 Oct. 2013, Tutzing

www.fz-juelich.de/jcns/JCNS-Workshop2013

e-mail: jcns-workshop@fz-juelich.de



JCNS Workshop 2013

“Trends and Perspectives in Neutron Scattering: Magnetism and Correlated Electron Systems”

7 - 10 October, 2013, Tutzing

Neutron scattering has proved to be a key method for achieving a deep insight into the physics associated with magnetic phenomena and correlated electrons. Our basic understanding of crucially important topics such as the magnetic structure of complex materials in bulk, thin films or nanoparticles, the mechanism behind magnetic phenomena and superconductivity, spin dynamics in highly correlated electron systems etc. depend on and benefit immensely from research with neutrons.

The aim of the international workshop organized by the Jülich Centre for Neutron Science is to bring together experts in neutron scattering, materials synthesis, and the application of complementary methods and theory in order to discuss the current status of the field and identify future trends and challenges for the application of neutron scattering.

The workshop will address the following topics:

- **Magnetic Nanoparticles and Nanocrystals**
- **Molecular Magnets**
- **Highly Correlated Transition Metal Chalcogenides**
- **High Temperature Superconductors**
- **Magnetoelectrics, Multiferroics**
- **Frustrated and Complex Spin Systems**
- **Interface Effects in Heterostructures**
- **Materials for Energy Conversion and Storage**
- **Spin Lattice Effects**

Frontpage picture: polarized neutron diffraction from a frustrated spin system (courtesy W. Schweika, FZJ)



The workshop will include invited and contributed oral presentations and a poster session.

The invited talks by highly recognized members of the magnetism and neutron scattering community will cover the hot trends in the topics of the field. The venue is an ideal site to further discuss and exchange information in a comfortable ambience.

Invited speakers include:

- Manuel Bibes, CNRS/Thales, France
- Ekkes Brück, Delft University of Technology, The Netherlands
- Laurent Chapon, Institut Laue-Langevin, France
- Josep Fontcuberta, Institut de Ciència de Materials de Barcelona (ICMAB-CSIC), Spain
- Bruce Gaulin, McMaster University, Canada
- Philipp Gegenwart, Universität Göttingen, Germany
- Dmytro Inosov, Max-Planck-Institut Stuttgart, Germany
- Michel Kenzelmann, Paul Scherrer Institut, Switzerland
- Valeria Lauter, Oak Ridge National Laboratory, USA
- Andreas Michels, University of Luxembourg, Luxembourg
- Vaclav Petricek, Academy of Sciences, Czech Republic
- Ralf Röhlsberger, DESY, Germany
- Jörg Schmalian, Karlsruhe Institute of Technology, Germany
- Jean-Marc Tonnerre, Institut Néel CNRS, France
- Albrecht Wiedenmann, Institut Laue-Langevin, France

Call for Papers:

Contributions dealing with the topic of the workshop to be presented as oral or poster presentation are requested. To present your work, please submit an abstract headed by title, name(s) and complete address(es) of the author(s) as Word-File via the JCNS web page.

www.fz-juelich.de/jcns

At the web page a template can be downloaded. Please indicate the author who will present the paper.

Deadlines:

Submission of abstracts:	July 1, 2013
Notification of acceptance:	July 15, 2013
Final registration:	September 1, 2013
Payment	September 15, 2013

Beginning of the Workshop:

Monday, October 7, 2013
10:00 Registration
14:00 Start of the scientific program

End of the Workshop:

Thursday, October 10, 2013
13:00 End of the scientific program
13:00 Lunch
15:00 End of the Workshop

www.fz-juelich.de/jcns/JCNS-Workshop2013

e-Mail: jcns-workshop@fz-juelich.de

