Venue

The conference will be held in the Bad Godesberg area of Bonn, Germany, at the Gustav-Stresemann-Institut (GSI). Bonn is a city of more than 300,000 inhabitants, located about 20 kilometres south of Cologne on the river Rhine, in the Federal State of North Rhine-Westphalia. It was the capital city of West Germany from 1949 – 1990 and the official seat of the government until 1999. Bonn is also the birthplace of Ludwig van Beethoven, lending the city a rich musical history. Relics from its 2000-year-old history, ranging from Roman monuments to Romanesque churches and Baroque castles influence the city’s character and landscape. Bonn is seen as the gateway to the Rhine Valley, with its impressive fortresses, steep vineyards and quaint villages. The city and the surrounding countryside offer visitors a broad variety of interesting sights and cultural attractions.

Accommodation

Participants will stay on site at the Gustav-Stresemann-Institut (GSI), Bonn. Rooms with full board are available for the first 180 guests to register; those registering later will, however, be obliged to organize alternative accommodation at their own expense.

Please see the GSI website for its precise location and directions:
http://www.gsi-bonn.de

Dates and Contact

September 24 – 26, 2012
Gustav-Stresemann-Institut
Bonn, Germany

See our website for more information:
http://www.fz-juelich.de/jcns/DN-2012/

Call for abstracts
June 1, 2012
Deadline for abstract submission
July 10, 2012
Notification of acceptance
July 20, 2012

Conference Office

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Forschungszentrum Jülich, M. Hermann/TRICKLABOR (top right),
W. Schürmann/TUM (bottom right)
Scope

The German Conference on Neutron Scattering 2012 – Deutsche Neutronenstreuungstagung DN-2012 – offers a forum for the presentation and critical discussion of recent results obtained with neutron scattering and complementary techniques. The meeting will be held in Bonn from 24th to 26th September 2012. It is organized on behalf of the German Committee for Research with Neutrons – Komitee Forschung mit Neutronen KFN – by the Jülich Centre for Neutron Science JCNS of Forschungszentrum Jülich GmbH. In between the large European and international neutron scattering conferences, ECNS (2011 in Prague) and ICNS (2013 in Edinburgh), it offers the vibrant German and international neutron community an opportunity to debate topical issues in a stimulating atmosphere.

Originating from “BMFB Verbundtreffen” – meetings for projects funded by the German Federal Ministry of Education and Research – this conference series has a strong tradition of providing a forum for the discussion of collaborative research projects and future developments in the field of research with neutrons in general. Neutron scattering, by its very nature is used as a powerful probe in many different disciplines and areas, from particle and condensed matter physics through to chemistry, biology, materials sciences, engineering sciences, right up to geology and cultural heritage; the German Neutron Scattering Conference thus provides a unique chance for exploring interdisciplinary research opportunities. It also serves as a showcase for recent method and instrument developments and to inform users of new advances at neutron facilities.

The participation of young scientists is particularly welcome. Thanks to financial support from major German neutron centers, we are able to offer students a reduced conference fee and to award the prestigious “Wolfram Prandl Prize” for young investigators. We encourage young academics to submit oral contributions.

As evidenced by the choice of English as the main conference language, international participation is highly welcome. This year, due to the location of Jülich in proximity to the Belgian and Dutch borders, we particularly invite our colleagues from Belgium and the Netherlands to join us and enrich the DN-2012 with their contributions. In view of our close collaboration in the ESS project, we also extend a special invitation to our Swedish and Danish colleagues.

The German and European neutron communities are eagerly looking forward to the realization of the European Spallation Source ESS in Lund, Sweden. With a beam power of 5 MW, this novel long pulse source will lead neutron scattering into a new era and enable scientists to perform experiments that they can only dream of today. The German neutron community, being one of the largest and most productive worldwide, is keen to contribute to the future realization and scientific exploitation of this leading source. Special sessions will be dedicated to explore how this next-generation neutron facility can best contribute to solving the Grand Challenges modern societies face in terms of energy, information technology, transport, health and the environment.

Topics include

Grand Challenges
- Energy
- Information Technology
- Transport
- Health and Life
- Complex Systems
- Environment
- Structure and Dynamics of Matter
- Origin of the Universe

Disciplines
- Physics
- Chemistry
- Biology
- Soft Matter
- Magnetism
- Geology
- Engineering Science
- Instrumentation

Sponsors

Call for applications for the Wolfram Prandl Prize for young scientists in neutron research

The Committee Research with Neutrons (KFN) will award the Wolfram Prandl Prize for young scientists during the conference. Proposals are to be sent to the head of KFN, Tobias Unruh, until June 4th 2012. More information: http://sni-portal.uni-kiel.de/kfn/Infos/WPP-engl.php

Organization Committee
- Manuel Angst, Forschungszentrum Jülich
- Thomas Brückel, Forschungszentrum Jülich
- Ursula Funk-Kath, Forschungszentrum Jülich
- Barbara Köppchen, Forschungszentrum Jülich
- Claire Ryalis, Forschungszentrum Jülich
- Dirk Schlotmann, Forschungszentrum Jülich
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Program Committee
- Prof. Dr. Thomas Brückel, Forschungszentrum Jülich
- Prof. Dr. Richard Dronskowski, RWTH Aachen
- Prof. Dr. Peter Fierlinger, TU München
- Prof. Dr. Thomas Hellweg, Universität Bielefeld
- Prof. Dr. Georg Roth, RWTH Aachen
- Prof. Dr. Tobias Unruh, Universität Erlangen-Nürnberg

General Information

Participants: 400 Euro
Students: 200 Euro

The conference fee includes lodging and full board at the Gustav-Stresemann-Institut, Bonn (from September 24 until September 26), conference dinner and coffee breaks.

Early registration is strongly recommended! Due to the limited availability of rooms at GSI, the full board accommodation included in the conference fee can only be guaranteed for the first 180 attendees. Late registration will oblige participants to find alternative lodging nearby at their own expense.