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Robust science for policy making

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**Institute for Reference
Materials and Measurements**

The mission of the IRMM is to promote a common and reliable European measurement system in support of EU policies.

Organisation

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EFNUDAT - Fast Neutrons

Scientific workshop on
**Neutron Measurements,
 Theory and Applications**

Nuclear data for sustainable nuclear
 energy

Geel, Belgium

28-30 April 2009

EFNUDAT- Fast Neutrons

Scientific Workshop on Neutron Measurements, Theory and Applications

Nuclear data for sustainable nuclear energy

Scope of the workshop

The workshop aims to provide a comprehensive overview of nuclear data measurements with fast neutrons, their impact on theoretical models and final applications with potential economic impact. Contributions should highlight the state of the art and the new developments relevant for advanced reactor systems. Users of data are invited to present comprehensive views on their data requirements.

The workshop aims to facilitate high-quality networking, and international experts are invited to attend. The participation of post-doctoral fellows and PhD students who wish to present their work is also encouraged.

The workshop is organised within the EFNUDAT project (European Facilities for Nuclear Data Measurements), which is an Integrated Infrastructure Initiative funded under the 6th Framework Programme of the European Community. The aim of the initiative is to integrate all infrastructure-related aspects of nuclear data measurements and to provide trans-national access to key facilities.

Themes of the workshop

- Fission Research
- Fast Neutrons
- Theory
- Applications
- Data needs

Presentations

Oral presentations are 45 minutes for invited contributions and 25 minutes for regular contributions, including discussion. One poster session is foreseen. The Programme Advisory Committee will inform participants about the selection of oral and poster presentations.

Abstracts and full contributions

The deadline for abstract submission is 1 January 2009, and full papers are due by 28 April 2009 (i.e. at the start of the workshop). The proceedings will be published in the EUR Technical and Scientific Research series. Printed copies for the participants and an electronic version for general distribution will be made available. Instructions for the format of the abstract and the full paper can be found on the workshop website. Both should be submitted in electronic format in accordance with the guidelines.

Acceptance

Participants will be informed of the acceptance of their presentation by 1 February 2009.

<http://irmm.jrc.ec.europa.eu/efnudat>

Registration

Registration for EFNUDAT – Fast Neutrons will be opened in February 2009. Further details will be given on the web site.

The last day for registration is 1 April 2009.

There is no registration fee.

Accommodation and travel

JRC-IRMM will reserve a number of rooms in a hotel. Details will be given on the web site.

Full support is foreseen for up to 30 participants from Member States, Candidate and Potential Candidate Countries.

Important dates

1 January 2009	Deadline for abstracts
1 February 2009	Notification for authors
1 April 2009	Deadline for registration
28-30 April 2009	Workshop