

The **EFNUDAT** (European Facilities for Nuclear Data Measurements) project is an Integrated Infrastructure Initiative (I3) funded under the 6th framework program (FP6) of the European Commission.

The project aims at networking experimental facilities in Europe for nuclear data measurements providing a platform for better co-operation. The objective is to provide adequate transnational access to various European neutron sources and to co-ordinate joint research projects.

Within this framework a

**Workshop on modern methods using fast neutrons
for research related to the transmutation of nuclear waste**

will take place - together with the 1st EFNUDAT progress meeting - at

Dresden-Rossendorf (Germany) on February 13 to 15, 2008.

The topics will be:

- New neutron generators for transmutation research
- Targets for nuclear data measurements
- Detectors for fast neutrons and reaction products
- Novel data acquisition (multidetector arrays, fast digitizers...)
- Numerical simulations of experimental set-ups
- Quality assurance and comparative studies
- Selected results for structural materials, nuclear fuel and waste

Invited lectures are planned on:

- Level densities, neutron resonances, fission
- Cross section predictions: statistical considerations and strength functions
- Consistent calculations for nuclear structure and reactions
- Error propagation and correlation

Herewith you are invited to register at <http://www.fzd.de/nelbe> and to submit an abstract on one of the topics listed.

This invitation is especially addressing colleagues who are interested in joining experimental activities at the EFNUDAT facilities. An extended visit of the nELBE neutron source will be organized.

The conference fee of €100 includes luncheon, coffee breaks, dinner gathering and program materials. Financial support for workshop participants is available. Please indicate if you need support for per diem and/or travel expenses.

The deadline for the submission of abstracts is January 15, 2008.

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