

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

together with the 1st EFNUDAT progress meeting



Dresden-Rossendorf, February 13 - 15, 2008



## Scientific Program:

- 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

## Local Organizing Committee:

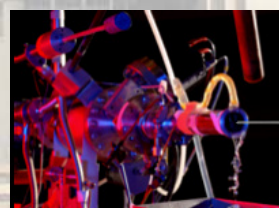
A. Liebezeit  
A. Junghans  
A. Wagner  
E. Grosse

## International Advisory Board:

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Deadline for the submission of abstracts: January 15, 2008

<http://www.fzd.de/nelbe>



**EFNUDAT**

European Facilities for Nuclear Data Measurements

