FRM II Call for Proposals

Technische Universität München

Forschungs-Neutronenquelle
Heinz Maier-Leibnitz (FRM II)

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Dear colleagues,

You are invited to apply for beam time at the German neutron source Heinz Maier-Leibnitz (FRM II). Proposals can be submitted any time via our user portal http://user.frm2.tum.de. They are reviewed twice a year. Please register in the user office.
With your personal account you can access the proposal and reporting system and get additional informations and guidance to perform experiments at the FRM II.

Deadline for proposal submission is July, 25th 2008.

The review of the proposals will take place on Sept., 5th 2008. Results of the referees will be online about two weeks later. The experiments of the accepted proposals will start from the 19th cycle, i.e. from Jan. 2009.
The FRM II is a partner in the EU supported network of European neutron facilities (NMI3). Researchers working in EU Member States or Associated States other than Germany can apply for travel and subsistence reimbursement.

To ensure the feasibility of the proposed experiment please contact the instrument scientist well in advance. For the following instruments applications can be submitted:

Diffraction:
Heidi: single crystal diffractometer, hot source
Resi: single crystal diffractometer, thermal source
Spodi: powder diffractometer, thermal source
Stress-Spec: material-science diffractometer, thermal source
Mira: reflectometer with long wave length neutrons
N-Rex+: reflectometer for material science, cold source
Refsans: time-of-flight reflectometer for soft matter, cold source

Spectroscopy:
Trisp: three-axis spectrometer with Spin-Echo, thermal source
Puma: three-axis spectrometer, thermal source
Panda: three-axis spectrometer, cold source
TofTof: time-of-flight spectrometer, cold source
Reseda: resonance spin-echo spectrometer, cold source

Radiography and Tomography:
Antares: radiography and tomography, cold source
Nectar: radiography and tomography, fission neutron source
PGAA: prompt gamma-activation analysis

Positrons:
Nepomuc: positron beam (\"open beam port\")
positron auger spectrometer (\"PAES\")
positron defect spectrometer (\"Coincidence doppler broadening\")
positron life time spectroscopy (\"PLEPS\")

Particle physics:
Mephisto: neutron beam cold source for special experiments

Details of the instruments and sample environment available can be obtained from our Internet site http://www.frm2.tum.de

The beam time on the instruments of the JCNS facility hosted at our neutron source in Garching are distributed through the JCNS proposal system at http://fzj.frm2.tum.de (next deadline is Oct. 6th 2008) for the instruments KWS-2, J-NSE, DNS and SPHERES.

In addition to the beam tube experiments irradiation facilities are available for neutron activation analysis, isotope production and silicon doping. Altogether 17 irradiation channels are available for scientific and industrial applications.

Contact:

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