



Call for Proposals FRM II

The German neutron source Heinz Maier-Leibnitz (FRM II) is operational 260 days per year in 5 cycles of 52 days each. Proposals can be submitted at any time via our user portal <http://user.frm2.tum.de>. They are reviewed twice a year. Please register electronically at the user portal. With your personal account you can access the proposal and report submission system and obtain additional information and guidance to perform experiments at the FRM II.

The next deadline for proposal round 6 is 17 August 2007.

Proposals for long term projects, with a maximum duration of 3 years, may also be submitted. They are reviewed every 6 months, therefore a progress report is required for the continuation of a project. The proposal review for the round 6 proposals will take place on 14 September 2007. The results of round 6 will be online about two weeks later. The accepted proposals will be scheduled in cycle 14 and onwards: starting date 30 October 2007..

To ensure the feasibility of the proposed experiment please contact the instrument scientist well in advance. The application round is open for the following instruments:

Category	Name	Instrument
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
	Refsans	reflectometer, time-of-flight, cold source
	N-Rex ⁺	reflectometer for material science, cold source
	Mira	reflectometer with long wave length neutrons
	KWS 2	small angle neutron scattering instrument (JCNS)
	KWS 3	focussing – mirror high-resolution small angle scattering instrument and reflectometer (JCNS)
Spectroscopy	NSE	neutron spin echo spectrometer (JCNS)
	Sphere	backscattering spectrometer, cold source (JCNS)
	TofTof	time-of-flight spectrometer, cold source
	Trisp	three-axis spectrometer with Spin-Echo, thermal source
	Puma	three-axis spectrometer, thermal source
	Panda	three-axis spectrometer, cold source
Positrons	Nepomuc	positron beam : („open beam port“); CDB; Auger
Radiography and Tomography	Antares	radiography and tomography, cold source
	Nectar	radiography and tomography, fission neutron source
Particle Physics	Mephisto	neutron beam at the cold source for special experiments

The FRM II is a partner in the EU supported network of European neutron facilities (NMI3 in FP6). Researchers working in EU Member States or Associated States other than Germany can apply for travel and subsistence reimbursement with exception of the JCNS operated instruments.

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

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.

For further information please contact:

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