

## RAPID ACCESS PROPOSALS

We are pleased to announce the next call for Rapid Access proposals for the following MLZ instruments

### ANTARES

cold neutron radiography and tomography station

### BIODIFF

diffractometer for large unit cells, cold source

### KWS-1, KWS-2, KWS-3

small angle scattering diffractometers, cold source

### NAA

neutron activation analysis

### PGAA

prompt gamma-activation analysis

### SANS-1

small angle neutron scattering

### SPODI

high resolution powder diffractometer, thermal source

### STRESS-SPEC

materials science diffractometer

To each method, we will allocate up to a maximum of three beam days at the next reactor cycle by a fast response process. Each accepted proposal can receive up to a maximum of twelve hours of beam time.

**FRM II Reactor Cycle 47: January 14<sup>th</sup> – March 13<sup>th</sup>, 2020**

**Deadline for Rapid Access proposals  
January 10<sup>th</sup>, 2020**

The MLZ Rapid Access programme is devoted to those measurements that do not fit into the normal MLZ proposal workflow with usually two deadlines and reviews per year, i.e. an independent neutron experiment proposal.

It is foreseen, for example, for tuning a sample preparation process or for completing a series of samples already measured at the MLZ with few additional samples.

Proposals not fulfilling the conditions reported above will not be considered for the MLZ Rapid Access programme.

## Procedure

In case a Rapid Access proposal is accepted, the user will send the samples to the designated local contact that carries out the proposed experiment and will take care of the sample handling/shipment back to the user. Due to the short duration of the measurements a high degree of standardisation is required and the usage of a complicated sample environment is excluded.

It is expected that the measurements will be performed at Standard Ambient Temperature and Pressure (SATP) conditions by using a standard sample holder provided by the local contact.

However, upon agreement with the local contact, the use of some simple sample environment equipment can be considered. The main proposer will be provided with the raw experimental data as well as pre-treated data for further analysis.

## How to apply

- Discuss the proposed experiment with the instrument scientist well in advance – this discussion is mandatory!
- Submit a proposal via the User Office online system

[user.frm2.tum.de](http://user.frm2.tum.de) or [fzj.frm2.tum.de](http://fzj.frm2.tum.de)

- Complete all mandatory fields of the proposal form marked orange
- Upload the two page pdf file with all the technical and scientific details – you can download a template from

[mlz-garching.de/englisch/user-office/downloads-und-tools](http://mlz-garching.de/englisch/user-office/downloads-und-tools)

- Don't forget to check the checkbox "Rapid Access"

Please do not forget to upload all your **experimental reports** for experiments performed; to this respect please see more detailed information at

[mlz-garching.de/englisch/user-office/terms-of-reference](http://mlz-garching.de/englisch/user-office/terms-of-reference)

Further information available at

[mlz-garching.de/englisch/user-office/getting-beam-time.html](http://mlz-garching.de/englisch/user-office/getting-beam-time.html)

We look forward to receiving your proposals,  
best regards from Garching,  
The MLZ User Office Team