

EuroMagNET II

Access to high magnetic field magnets

Call for proposals

Guidelines

Call for proposals

A call for proposals is launched inviting proposals for research requiring access to the large installations for high magnetic fields managed in Europe by EuroMagNET II:

- **HLD**, the Hochfeld Magnetlabor Dresden, Forschungszentrum Dresden-Rossendorf in Dresden, Germany (<http://www.hzdr.de/db/Cms?pNid=580>)
- **LNCMI-Grenoble**, the Grenoble High Magnetic Field Laboratory, France (<http://ghmfl.grenoble.cnrs.fr>)
- **HFML**, the High Field Magnet Laboratory in Nijmegen, the Netherlands (www.ru.nl/hfml)
- **LNCMI-Toulouse**, the Laboratoire National des Champs Magnétiques Intenses, France (<http://www.toulouse.lncmi.cnrs.fr>)

Applications for access to one of the infrastructures

Access to one or more of the infrastructures will be given for research in high magnetic fields, provided that a research proposal for access will be positively rated by a User Selection Committee based on the following selection criteria:

- scientific quality and originality of the proposal;*
- necessity for the use of the infrastructure;*
- track record and past performance of the user group.*

The actual execution of the proposal will also depend on availability, feasibility and ranking of the proposed research. Access involves the use of the installation, the use of all available auxiliary equipment and (if necessary) support by local staff.

Eligible groups from EU member states, candidate countries and associated countries can be offered support for travel and local expenses through the EuroMagNET consortium financed by the EU contract. In all resulting publications please acknowledge EuroMagNET with “Part of this work has been supported by the EuroMagNET II under the EU contract number 228043”.

Applications for access can be submitted using an on-line form on www.euromagnet.org.

It is strongly recommended to contact the infrastructure involved first, to fine-tune the proposal and investigate the feasibility of the work and possibly identify your local contact.

Contact details

- HFML

Contact local staff member

<http://www.ru.nl/hfml/people/staff/>

In case you do not know who to contact, please contact J.C. Maan.

- HLD

Contact local staff member

<http://www.hzdr.de/db/Cms?pNid=428>

In case you do not know who to contact, please contact J. Wosnitza.

- LNCMI-Toulouse

local information

http://www.toulouse.lncmi.cnrs.fr/spip.php?page=article&id_article=93&lang=en

In case you do not know who to contact, please contact G. Rikken

- LNCMI-Grenoble

Contact local staff member

<http://ghmfl.grenoble.cnrs.fr/spip.php?rubrique29&lang=en>

In case you do not know who to contact, please contact G. Rikken

The proposal should address the following points:

1. *For announcing the project to the funding agencies, a clear summary of the objectives of the proposed research in not more than 250 words.*
2. *For evaluation by the User Selection Committee: scientific justification (maximum one page): description of the proposed experiment, the scientific importance of the proposed research and relation to existing literature (incl. key references), and justification for using high magnetic fields of the facilities, (which specific effects are expected at the higher magnetic fields, reference to or description of earlier lower field measurements and preliminary tests). The amount of magnetic hours requested needs to be specified and estimated.*
3. *Proposed experimental technique, and description of support needed: expertise, specialized equipment, temperature-range, frequency-range, etc.*
4. *Clarification, if necessary, of potential hazards or special handling requirements related to the samples to be studied.*
5. *Track record and past performance of the user group.*

Categories

The following areas of research are distinguished. It is important for the correct evaluation of your proposal that you choose the right category, in case of doubt please ask your local contact.

- Magnetism (MA),
- Metals and Super-conductors (MS),
- Semiconductors (SC),
- Magnetic Resonance (MR),
- Soft Matter and magnetoscience (SO)
- Applied Superconductors (AS)

Continuation and resubmission:

In case the proposal concerns extension of a project accepted for execution in the previous year (i.e. granted before last round), which has not yet reached its original targets, and there is a need for additional magnet time, the user selection panel will base its decision on the original proposal, and a progress report with updated workplan and publication list to be provided by the user group. The achievements so far and the workplan for continuation should be in plain text with not more than 250 words. Please click the appropriate on-line form.

In case of resubmission of a proposal, which was accepted for execution in the previous year (i.e. granted before last round) and which for whatever reason could not be scheduled and executed, the user selection panel will base its decision on the original proposal, and a statement explaining the reasons of the delay. Please click the appropriate on-line form.

The application form is on www.euromagnet.org.

Evaluation and execution:

Applications will be evaluated and a ranking of priorities will be made for execution of the projects in the following 12 months. The applicant will be informed as soon as possible of the outcome of the evaluation process by EuroMagNET or the chosen facility. A local contact of the infrastructure involved will be assigned to the project, and scheduling of the proposed experiment will be done through this local contact. The secretariat of the respective infrastructure (HLD, LNCMI-G, HFML, LNCMI-T) will help with local arrangements (accommodation, visa, travel, etc.)

Report and acknowledgements:

To justify the use of the valuable and expensive high magnetic field facilities, and demonstrate the scientific output, short reports describing the outcome are requested within three months after completion of the experiments. The achievements should be clearly described in not more than 250 words and the report should be submitted to the infrastructure which provided the magnet time (facility manager). Publications which do not have a coauthor from the infrastructure should be under double affiliation.

European user groups granted access under the EuroMagNET II have to acknowledge the support of the European Union in all resulting publications with a phrase like “Part of this work has been supported by EuroMagNET II under the EU contract number 228043”.