

## **Post-doc position at the Laboratoire National des Champs Magnétiques Intenses, CNRS, Toulouse, France**

The LNCMI in Toulouse, France, has a position available for a post-doc to work on the development of X-ray scattering (diffraction and absorption spectroscopy) and neutron experiments (magnetic diffraction) in pulsed magnetic fields, applied to the study of the H-T phase diagrams of correlated electrons systems (frustrated systems, heavy fermions systems, etc...).

This work is done in collaboration with the European Synchrotron Radiation Facility (ESRF, Grenoble), the Institut Néel (IN, Grenoble), the Institut Laue Langevin (ILL, Grenoble), and the CEA-Grenoble.

The post-doc position is located at Toulouse but most of the experiments are carried out at Grenoble (ESRF, and ILL). The position is funded for 1 year. The contract should start as soon as possible.

### Requirements

- PhD in physics, chemistry, materials science, physical engineering or related field.
- Enthusiasm and interest in development of sophisticated scientific instrumentation.
- Good communications skills and capacity for teamwork.
- Experience in synchrotron or/and neutron experiments would be advantageous.

Interested candidates should send a CV including areas of expertise and research interest, publications list, names and contact information for 2 referees to:

Fabienne Duc

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<http://www.toulouse.lncmi.cnrs.fr>