



## Postdoc position in NMR / high $T_c$ superconductors / Grenoble

We are recruiting a postdoctoral fellow to perform nuclear magnetic resonance (NMR) experiments in unconventional superconductors. The 2-year position is based at the high magnetic field laboratory, a large-scale facility in Grenoble, France. Grenoble is renowned for its lively, international scientific environment as well as for its great alpine surroundings.

The postdoctoral fellow will work as part of the NMR group to perform research in the field of cuprate superconductors, with special (but not exclusive) interest in the competition between superconductivity and electronic ordering phenomena. Extension of the research program to other unconventional superconductors & correlated metals is possible. For examples of our recent research, see Vinograd *et al.* [Nat. Commun. 12, 3274 \(2021\)](#), Zhou *et al.*, [npj Quantum Mater. 5, 93 \(2020\)](#), Frachet *et al.* [Nat. Phys. 16, 1064 \(2020\)](#). The successful candidate will be involved in all aspects of research: preparation of experiments, technical developments, measurements, cryogenics, analysis and presentation of the results.

### Required qualifications:

- PhD degree in experimental condensed matter physics with experience in resonance techniques (NMR, EPR or  $\mu$ SR) and/or in the field of correlated electron systems.
- Self-motivation with strong communication skills, both oral and written.
- Proficiency in English

### Required application materials:

- Curriculum Vitae (including background, research skills and publication list)
- Cover letter describing your interest in the position
- Contact info for at least 2 references (name and email address)

**Salary:** Between 2663 and 3950 € gross per month, depending on experience (2140 to 3190 € net after deduction of social security and income taxes)

**Starting date:** October 1<sup>st</sup> or November 1<sup>st</sup> 2022. One-year contract renewable once.

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**Links:** <http://lncmi.cnrs.fr> <https://nmr-lncmi.wixsite.com/nmrgroup>