



Junior Scientist Permanent job offer at CEA in Grenoble

Linking electrochemical performance and elementary mechanisms in batteries

A junior scientist position is open at the Interdisciplinary Research Institute of Grenoble (<https://www.cea.fr/drf/Irig>), a research institute which depends on both the CEA and of the Université Grenoble Alpes (UGA). This position is offered as full-time permanent staff in the SyMMES laboratory to reinforce the battery research activities, particularly on advanced characterizations using Large Scale Facilities, in connection to strategic CEA academic & industrial programs, European large initiatives as Battery 2030+ and long-term collaborations with Grenoble's European facilities ESRF and ILL.

Hosting teams

The position will be hosted in the SyMMES laboratory (<https://www.symmes.fr>), a joint CEA-CNRS-UGA laboratory developing basic research programs and gathering physicists, chemists, biologists, engineers and technicians working in different high societal impact areas, in particular energy conversion & storage. The laboratory is located in the "Polygone Scientifique" (https://en.wikipedia.org/wiki/Polygone_Scientifique), near the city centre of Grenoble, which offers an exceptional working environment connected to top-level CEA characterization platforms and neighbouring institutes (CEA-LITEN, CNRS, ESRF, ILL) as well as a very good quality of life, in the heart of the French Alps.

Scientific Profile

- PhD in physics, chemistry, materials science or equivalent.
- Expertise in the investigation of battery materials & devices, with focus on advanced characterization by means of neutron & synchrotron techniques (imaging, scattering, spectroscopy), including in operando mode.
- Knowledge of the European landscape, R&D players and industrial challenges in Li-ion and post-Li ion batteries.
- The candidate should possess strong communication skills to work in a multidisciplinary environment and interact with the electrochemists, chemists and physicists of IRIG, as well as with our European academic and industrial partners.
- Project management skills and international experience are a strong asset.

Application

Submit your application via email, including a motivation letter and details, to P. Delangle, head of the SyMMES, and S. Lyonnard, main PI on the topic. Deadline : 30th July 2021. The applicants will be informed by end of August on their pre-selection to interviews scheduled in mid-September 2021.

Contacts: pascale.delangle@cea.fr ; sandrine.lyonnard@cea.fr