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Code: Uncorrelated

Project: Solid-liquid thermoelectric systems with uncorrelated properties

Area: Advanced Materials for Energy

Area leader: Prof. Joan Ramon Morante

Group: Functional Nanomaterials Group

Group leader: Prof. ICREA Andreu Cabot

The Functional Nanomaterials Group in the Advanced Materials for Energy Area of IREC announces a short term Laboratory Technician Position available for a highly motivated candidate to work in the Uncorrelated Project: Solid-liquid thermoelectric systems with uncorrelated properties.

Job functions:

- Laboratory maintenance, reposition and control of consumables and equipment.
- Document and database management. Elaboration of “Standard Operating Procedures”
- Support the right performance of security systems, and Health and Safety.
- Support managing gas system, cryogenics and deionized water system.
- To support and participate in the technical coordination committee of the area made by laboratory technicians.
- Maintenance and calibration of main equipments
- Implementation of new setups, prototypes and equipment. Give technical support to the experimental setups especially for new researchers.
- Assistance and managing internal and external users of laboratory infrastructure. Functional testing and results reporting.

Candidate must have a PhD degree in Chemistry, Physics, Material Science or equivalent. Previous documented experience in managing laboratory services (gas , deionized water, cryogenics, resource management and storage of chemicals, waste management,...) and in management of security systems in laboratories as well as in laboratory resources organization. Theoretical and practical knowledge on Chemical Characterization techniques and related ones plus computer and electronics knowledge will be appreciated. It also considered the ability to design and implement new add-ons needed for experimental set-ups.

Additional information:

CV, personal references and a motivation letter have to be sent to Dr. Andreu Cabot (acabot@irec.cat).

Deadline for applications: February 10th 2020, 12:00 AM (Spanish local time)

Incorporation: March 2021



Duration of the contract: 12 months

Gross salary: 26.916,58 Euros/year

The recruitment process will follow the guidelines of the European Charter of Researchers. Further information can be directly obtained from: Andreu Cabot (acabot@irec.cat).