

The mission of the Catalan Institute of Nanoscience and Nanotechnology (ICN2) is to achieve the highest level of scientific and technological excellence in Nanoscience and Nanotechnology. Its research lines focus on the newly-discovered physical and chemical properties that arise from the behavior of matter at the nanoscale. ICN2 has been awarded with the Severo Ochoa Center of Excellence distinction for two consecutive periods (2014-2018 and 2018-2022). ICN2 comprises 18 Research Groups, 7 Technical Development and Support Units and Facilities, and 2 Research Platforms, covering different areas of nanoscience and nanotechnology.

Job Title: Research Technician

Research area or group: Novel Energy-Oriented Materials Group

Description of Group/Project:

Autograph: A collaborative project between Eurecat, IREC and ICN2 under the umbrella of RIS3CAT emergent technology in graphene. The main objective of Autograph project is to develop a fully autonomous sensor with graphene/nanocarbon in the energy device unit.

Main Tasks and responsibilities:

The person working in the NEO-Energy research group will be responsible to develop and prepare graphene/nanocarbon electrodes and test their electrochemical properties in the lab. The most promising electrode/electrolyte compositions will be upscale and stacked to fulfill the requirements of the system. The technician will have several meeting with other partners to succesfully obtain an operative demonstrator. She/he will be in charge to transfer from a coin cell supercap/battery to a pouch cell stack in the course of the project.

Requeriments:

- **Education**

Degree in chemistry, nanotechnology, materials science or a related discipline.

- **Knowledge and professional experience**

Previous knowledge in electrochemistry and/or energy storage devices will be a plus.

A motivated person is highly desired.

Summary of conditions:

- Full time work (37,5h/week)
- Contract Length: Temporary (17-24 months)
- Salary will depend on qualifications and demonstrated experience.
- Support to the relocation issues.
- Life Insurance.

Estimated Incorporation date: 1st April 2020

How to apply:

All applications must be made via the ICN2 website <https://jobs.icn2.cat/job-openings/209/research-technician> and include the following:

1. A cover letter.
2. A full CV including contact details.
3. 2 Reference letters or referee contacts.

Deadline: 27th March 2020

Equal opportunities:

ICN2 is an equal opportunity employer committed to diversity and inclusion of people with disabilities.