



**Publish date:** December 1<sup>st</sup> 2023

**Deadline for application:** December 20<sup>th</sup> of 2023

**Ref. 2024/025**

**Project:** ADGRHID

**Area:** Advanced Materials for Energy applications

**Group:** Nanoionics and Fuel Cells (131)

**Group leader:** Albert Tarancón

**PI:** Marc Torrell

---

## Laboratory technician position on design and development of SOC stacks and electrochemical test stations for SOC systems.

### Description:

The Nanoionics and Fuel Cell Group announces a new qualified technician/researcher position in the field of high temperature electrochemical devices based on functional ceramic materials. The candidate will work on the development of SOC stacks based on fuel electrode and electrolyte supported cells fabricated by different ceramic manufacturing technologies and the design and development of specific electrochemical test stations for their validation.

We offer a 12 months contract to join a team of highly qualified and motivated researchers working in the frontiers of knowledge in science and technology. International collaboration with top-leading European research groups in the field.

### Qualifications and experience required:

#### Essential:

- Bachelor/Master on engineering or applied science (Materials Science or Engineering, Mechanical or Chemistry engineering, Chemistry, Physics, etc...)
- Fluent English is mandatory.

#### Preferred:

- Interest and knowledge on energy technologies, materials, electrochemistry, catalysis, batteries and Solid Oxide Fuel Cells will be positively evaluated.
- Experience on prototyping or electro-mechanics will be positively evaluated.
- Knowledge on Python or any other programming language will be positively evaluated.

#### Personal skills:

- A person who is highly motivated to learn, work in a team, showing high flexibility, initiative and ability to innovate.



**Required documents:**

Applicants must submit the following documents by email to [irecjobs@irec.cat](mailto:irecjobs@irec.cat); [atarancon@irec.cat](mailto:atarancon@irec.cat) and [mtorrell@irec.cat](mailto:mtorrell@irec.cat) indicate in the subject **Ref.2024/25**

**Reference:**

- Curriculum Vitae, specifying the completed degree and any relevant professional experience.
- Motivation letter.

**Offer of job position:**

We offer a position for 12 months on the frame of ADGRHID project.

Salaries will be paid in accordance with the IREC's salary policy, depending on the candidate's qualification and professional experience.