

Postdoc Position for Surface Analysis Unit (SAU)

CIC energigUNE is a well-known energy storage research Centre based in the Basque Country of Spain. Its mission is to play a leading role on the international stage in the field of energy storage technologies and contribute to the industrial competitiveness of Basque Country. CIC has a world-class research facility, cutting-edge equipment, an experienced management team, and a scientific committee composed of prominent scientists, entrepreneurs, and industrial experts.

We are now inviting applications for the position of Surface Analysis Unit Postdoc. SAU Platform at the CIC energigUNE is a laboratory equipped with the state-of-the-art techniques to deal with surfaces and thin films of different materials. We can handle materials in solid state, including powders and polymers and in some cases even liquids. Surface composition, electronic and geometric structure can be probed by combination of several complimentary spectroscopic and microscopic techniques: X-ray photoelectron spectroscopy (XPS), Auger electron spectroscopy (AES), Raman spectroscopy, Near-field scanning optical microscopy (NSOM), Tip enhanced Raman spectroscopy (TERS), Scanning tunneling microscopy/Atomic force microscopy on air and in liquid. The services are provided for research groups within the center as well as to the external users like other research centers or other public organization, but also to commercial companies and private people.

Job function:

- Performing XPS measurements for internal and external users
- Analysis of collected data and support users for interpretation.
- Responsible of machine logging and correct functioning. Support for maintenance.
- Participate in the platform development.
- Preparation of platform periodical reports.

Qualification requirements:

- Candidates with PhD in physics, chemistry or related.
- Experience with ultra-high vacuum systems will be compulsory
- Knowledge photoemission techniques and understanding of surface science methodology will be an asset.
- Commitment with users and platform needs.

The candidate should be able to work independently and as part of a team, in collaboration with other groups, technical centres and industries. He/she should also have good verbal and written communication skills in English, as well as experience in communicating with external customers.

What we offer:

We are offering a 36 months position with interesting and important opportunities for professional development.

CIC energigUNE offers a competitive basic salary augmented by important benefits such as special conditions for a private health insurance that compare favourably with the best global private and public institutions.

The "Fundación" will also help smooth the transition for you and your family, providing a welcome programme that offers accommodation and addresses of other aspects to help you integrate into the local environment.

All applicants are invited to submit detailed curriculum vitae and 2 reference letters at www.cicenergigune.com.

CIC energigUNE is committed to affirmative action, equal opportunity and the diversity of its workforce.