

POST-DOCTORAL POSITION

Job description

A post-doctoral position is available in the group **Nanoarchitectonics on Surfaces**, led by Prof. David Écija, at IMDEA Nanociencia. The group is dedicated to the design, characterization and understanding of quantum organic, metal-organic and inorganic materials. To this aim, it counts with an excellent research infrastructure comprising three state-of-the-art ultra-high vacuum (UHV) systems.

The selected candidate is expected to mainly conduct research in the field of on-surface synthesis of functional inorganic (oxides) and organic materials (molecules, polymers and two-dimensional networks), for applications in sensing and catalysis, using scanning probe techniques (STM, STS and nc-AFM). He/she will also have the opportunity to work within an excellent interdisciplinary team, being supervised by Dr. Ana Barragán and Prof. David Écija, and benefiting from the environment of the ERC Synergy Magnesis.

Requirements:

Applicants must have a PhD in Physics, Chemistry, Material Science, or equivalent. A strong background in scanning probe techniques under UHV conditions is required. We are seeking outstanding candidates with initiative and strong teamwork skills. A record of scientific publications will be taken into consideration. Proficiency in written and spoken English is mandatory.

Working conditions:

- Full-time employment contract (37.5H per week).
- 3-years contract.
- Work-life balance measures: IMDEA Nanociencia has implemented a Gender Equality Plan that includes work-life balance measures, such as flexible schedule, teleworking, and meeting that respect the working hours.

Workplace: Fundación IMDEA Nanociencia, C/Faraday 9, Madrid 28049

Application submission: Applications must be submitted via e-mail to ana.barragan@imdea.org or david.ecija@imdea.org.

