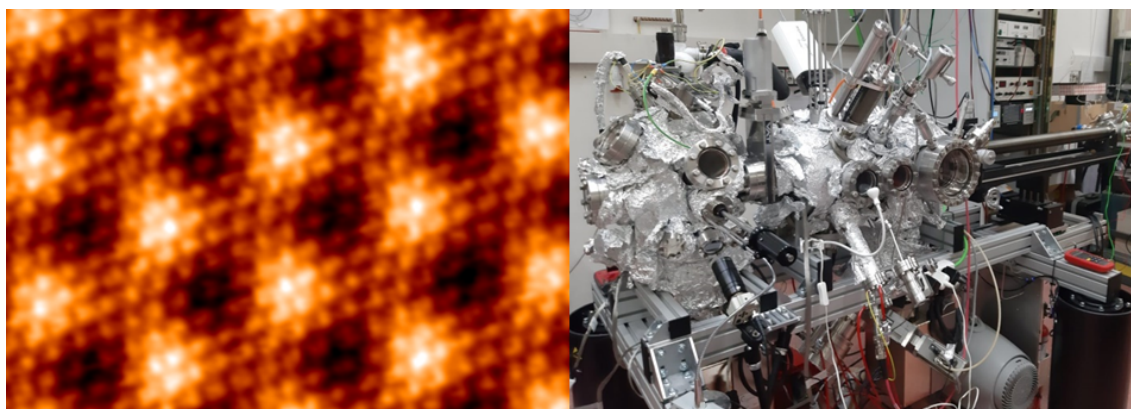


POSTDOCTORAL POSITIONS AT *ESISNA* GROUP



THE “INTERDISCIPLINARY STUDIES BASED ON NANOSCOPIC SYSTEMS” GROUP (ESISNA) (<http://www.icmm.csic.es/esisna/>) OF THE “ Institute of Materials Science of Madrid (ICMM-CSIC)” IS SEEKING THREE POST-DOCS

- 1.- **Surface photochemistry:** In the framework of a Synergy Project, we are seeking a postdoc with experience in STM (or nc-AFM), XPS and other surface characterization techniques in UHV. The candidate will work in visible-light induced chemical coupling reactions on insulating surfaces using a low temperature non-contact AFM. (24 months contract)
- 2.- **Chemical Functionalization of 2DMs:** In the framework of the “graphene flagship” EU-project: “enabling materials”, we are seeking a postdoc with experience in STM, XPS and other surface characterization/growth techniques in UHV. The candidate will work in chemical functionalization of transition metal dichalcogenides (TMDs). (18 months contract)
- 3.- **Laboratory astrochemistry:** As a continuation of the ERC-Synergy project NANOCOSMOS, we are seeking a postdoc with experience in vacuum systems and laboratory astrochemistry to work with the machine called *Stardust*. The candidate will work on mimicking cosmic dust at AGB stars. (12 months contract)

**We seek highly motivated post-docs and we offer a stimulating,
multidisciplinary and international atmosphere**

If you are interested in any of these positions, please send your CV and a motivation letter to: gago@icmm.csic.es and we will contact you with further information.

Applications until 30th Jan. 2022. Start date between March-April 2022