



PhD position shared between IMDEA Nanociencia (Madrid) and Instituto de Nanociencia de Aragón (Zaragoza)

We offer:

Opportunities for recent graduates holding a Masters degree in Chemistry, Chemical Engineering, Physics or a related subject to carry out postgraduate studies in the groups of Prof. Jesús Santamaría at INA (<http://www.unizar.es/nfp/>) and Prof. Emilio M. Pérez at IMDEA Nanoscience, Madrid (<http://nanociencia.imdea.org/chemistry-of-low-dimensional-materials/group-research>).

The position (3 years) will be fully co-funded between IMDEA Nanociencia and INA. The project aims at exploiting microfluidic systems for the construction of van der Waals heterostructures of 2D materials from colloidal suspensions. You would be educated in a highly interdisciplinary environment and have access to a broad variety of techniques, ranging from chemistry, microfluidics, spectroscopy, electron and SPM microscopy, etc.

You should only apply if:

- You are a talented, highly motivated individual.
- You have a keen interest in science in general and chemistry in particular.
- You are looking for an exciting and ambitious project to work on.
- You have an outstanding academic record.
- You are a creative thinker.
- You are a problem solver.
- You enjoy working both individually and as part of a team.

Previous experience in colloidal chemistry, chemistry of 2D materials and/or microfluidics would be an advantage.

Interested? Send your CV, a cover letter and at least one reference letter to [emilio.perez@imdea.org](mailto:emilio.perez@imdea.org).