

POST-DOCTORAL POSITION OFFER

Instituto de Nanociencia y Materiales de Aragón (INMA)



CV preselection, pending the official announcement

RESEARCH FIELD: Energy storage: Batteries and/or Supercapacitors

RESEARCHER PROFILE: Post-doc

DEADLINE (CV preselection): Until a suitable candidate is found

LOCATION: Spain > Zaragoza

TYPE OF CONTRACT: temporary, up to 01/09/2022. Possibility of extension depending on funding

JOB STATUS: full-time

HOURS PER WEEK: 37.5

EU RESEARCH FRAMEWORK PROGRAMME: M.era-net

NOEL project (Innovative Nanostructured Electrodes for Energy Storage Concepts)

<http://noel.unizar.es/>

NOEL



Project description

NOEL is a European project that aims at developing unexplored low cost and environmentally friendly layered semiconductor-carbon composites for their use as innovative electrodes in supercapacitors or next-generation batteries

Main tasks:

- Synthesis and characterization of nanomaterials and nanomaterials/carbon composites.
- Electrode and device fabrication. Electrochemical characterization of ion-batteries or supercapacitors.
- Experiment design, data analysis, support in project management, elaboration of periodic scientific reports and presentations.
- Science dissemination: Writing of scientific papers for international journals, scientific contributions to conferences.

Qualifications/Skills

PhD in Chemistry, Chemical Engineering, Materials Science, or Nanoscience.

Expertise on electrode preparation and electrochemical characterization (ion-batteries and/or supercapacitors).

Good English communication skills

How to apply for pre-selection:

Send your CV to Dr. María Bernechea (mbemechea@unizar.es) and Dr. M. Pilar Lobera (plobera@unizar.es).

Official announcement, pending (the pre-selected candidates will have further information about how to officially apply).