Researcher in training at IMDEA Energy to work on
Nanostructured porous carbons for electrochemical energy storage

The Institute IMDEA Energy is a Research Centre created by the Regional Government of “Comunidad de Madrid” to develop world-class R&D on clean and renewable energy. The ultimate goal of the Institute IMDEA Energy is to achieve outstanding scientific and technological contributions in the creation of a sustainable energy system. The aim of the Institute is to make a significant impact in all energy-related research topics by bringing together high quality researchers, providing them with excellent infrastructures and resources and promoting their close collaboration with the industrial sector.

IMDEA Energy is opening a researcher in training position on synthesis of advanced materials for energy storage, with the following characteristics:

Your Tasks:
• Design and synthesis of crystalline porous hybrid materials
• Preparation of nanostructured porous carbonaceous materials
• Preparation of electrodes for energy storage devices
• Full characterization of the obtained materials using a large panel of techniques.
• Critical analysis and dissemination of the results and writing of reports.

Your Qualification, Experience and Skills:
• Holding an official Master in Chemistry, Materials Science or Chemical Engineering.
• Having no more than 4 years in possession of an official degree.
• Knowledge on basic techniques of (inorganic, hybrid) materials synthesis
• Knowledge and experience on characterization methodologies (XRD, IR, TGA, sorption, NMR, microscopic techniques, etc.)
• Fluent oral and written communication skills in English.

Location: Mostoles, Madrid, Spain
Remuneration: 13.300.00 € annual gross salary
Duration: One-year appointment. Expected starting date: October 2020
Reference: 20.20. MPA3 PRE

Applicants should send their Curriculum Vitae, covering letter and student records with the average marks obtained (as well as recommendation letters, if any) not later than the 21st August at 15:00h to the following address:

email: patricia.horcajada@imdea.org

Subject: Reference 20.20. MPA3 PRE