

Researcher in training at IMDEA Energy to work in Thermochemical Process Unit

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.

The Thermochemical Process Unit of IMDEA develops research on development of materials, mainly catalysts, and thermochemical processes for biomass, CO₂ and solid wastes valorization to fuels and chemicals.

IMDEA Energy is opening a Researcher in Training position on Thermochemical Process Unit.

Your Tasks:

- Synthesis and characterization of catalysts.
- Preparation of solutions, reagents and laboratory material required for the realization of catalytic tests.
- Conducting thermal and catalytic pyrolysis tests and hydrotreatment at laboratory scale and pilot plant with different raw materials.
- Analysis of raw materials and reaction products.
- Technical reports and presentation of results.

Your Qualification, Experience and Skills:

- BSc. or MSc. degree preferably in Chemistry or Chemical Engineering.
- Knowledge and/or familiarity with chemical processes and catalysts.
- Accredited oral and written communication skills in English.

Location: Móstoles, Madrid, Spain.

Duration: The position is available immediately and is a one-year appointment.

Reference: 20.15. TQ2 PRE.

For further information, contact: Dr. Juan Miguel Moreno Rodríguez

e-mail: juanmiguel.moreno@imdea.org

Applicants should send their Curriculum Vitae, covering letter and student records with the average marks obtained before **March 25th at 15:00h** to the following address:

email: juanmiguel.moreno@imdea.org

Subject: Reference 20.15. TQ2 PRE

“Este contrato será financiado por la Comunidad de Madrid en el marco de la convocatoria de ayudas de realización de doctorados industriales realizada mediante orden 3779/2017 del Consejero de Educación e Investigación (IND2017/AMB-7660)”.