

Senior Assistant Researcher at IMDEA Energy to work on Concentrating Solar Energy Technologies and Applications

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 High Temperature Processes Unit of IMDEA Energy develops research on solar technology for the production of electricity, industrial process heat and chemical energy carriers using concentrated sunlight at high temperatures and high solar flux.

IMDEA Energy is opening a Senior Assistant Researcher Position on Concentrating Solar Energy, with the following characteristics:

Your Tasks:

- Applied research and experimental development in the field of high temperature solar technologies.
- R&D on solar thermal concentrating components, systems and/or processes.
- Participation in project proposals preparation and management national and international research projects on CSP.
- Dissemination and publication of research results in scientific journals.
- Supervision of undergraduate and graduate staff working in the R&D unit

Your Qualification:

- Ph.D. degree in Mechanical or Chemical Engineering, Material Sciences, Physical Sciences or equivalent.
- Experimental experience in some of the following areas is required: optics, heat and mass transfer, fluid mechanics, chemistry and materials at high temperature.
- Knowledge on solar energy and CSP technologies desirable.
- Proved experience in R&D project management.
- Accredited oral and written communication skills in English.

Location: Mostoles, Madrid, Spain.

Remuneration: 35,000-45,000 Euro per year, plus national social insurance coverage including health insurance and retirement plan.

Duration: The position is available immediately and is a one year appointment with annual renewals depending on performance up to a maximum of 4 years.

Reference: 14.8AT1POS

For further information contact: E-mail: contacto.energia@imdea.org

Applicants should send their Curriculum Vitae, covering letter and student records with the average marks obtained not later than the **31st of October at 15:00h** to the following address:

email: contacto.energia@imdea.org

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