Senior Researcher Position at IMDEA Energy for the Advanced Porous Materials Unit

The IMDEA Energy Institute is a Maria de Maeztu Center of Excellence with the mission of developing world-class R&D in the field of clean and renewable energy technologies. The Institute aims at contributing to the establishment of a sustainable energy system with a high degree of decarbonisation, economically competitive and securing energy supply (www.energy.imdea.org).

IMDEA Energy opens a permanent Senior Researcher position in the Advanced Porous Materials Unit.

Researcher Tasks:

- Collaborate in defining the strategic research lines of the Unit.
- Supervise the research/technical staff and financial management of the Unit.
- Participate in the development of the annual work plan of the Unit.
- Writing and submission of proposals to public and private calls.
- Supervision and training of predoctoral and postdoctoral researchers and technical staff.
- Establish collaborations with companies, universities and research centres, both national and international.
- Publication of scientific results in high impact journals and communication and dissemination of the results.

The candidate must fulfil the following requirements:

1) Doctor in experimental sciences with strong background on:
   - Design and synthesis of new multifunctional materials, with special focus on porous solids.
   - Characterization of materials using advanced and cutting-edge techniques.
   - Applications of those materials in relevant fields, like energy and environment.

2) At least 10 years of postdoctoral experience.

3) Principal researcher in at least 5 competitive research projects funded by public bodies. At least 2 of them funded in the framework of international programs.

4) Supervisor of at least 5 Doctoral Theses.
Mérits to value:

A) **Scientific outputs:**
- Development of new materials/structures.
- Publications in high impact journals.
- Citations of the publications (h index).
- Invited lectures and other oral communications in international events.
- Granted patents.

B) **Participation in projects granted in competitive calls**, mainly as Principal Investigator: number, relevance and funding of these projects.

C) **Management of research groups and training activities:**
- Head of research groups.
- Supervision of postdoctoral and predoctoral researchers.
- Supervision of MSc/BSc students.
- Teaching at university courses.

D) **Networking:**
- Collaboration with international research groups.
- Participation in networks, platforms and associations.

E) **Others:**
- Awards.
- Grants/fellowships.
- Commissions of trust.

**Location:** Móstoles, Madrid, Spain.

**Remuneration:** 55.500,00 – 74.000,00 € Gross salary per year (including the bonus related with the annual performance evaluation).

**Type of contract:** Permanent

**Deadline call:** This call will remain open until 2\textsuperscript{nd} December 2020.

Applicants should send cover letter, Curriculum Vitae and documents acreditative of requirements 2-4 to the following address:

**Email:** contacto.energia@imdea.org

**Subject:** REFERENCIA 20.35 MPA8 SEN