

	DEPARTAMENTO DIRECCIÓN GESTIÓN PERSONAS	www.leitat.org
	<b>SELECCIONAMOS A:</b>	
	TRABAJA CON NOSOTROS	
		seleccion@leitat.org

## **SENIOR RESEARCHER– PHOTOVOLTAIC SYSTEMS**

LEITAT is a private non-profit entity specialized in generating value from innovation and technological development. Founded in 1906, it complies with the highest quality standards and management systems in the execution of ambitious R&D projects with big industrial companies and SMEs. We collaborate with more than 45 countries and develop more than 200 projects in the fields of biotechnology, health, advanced materials, industrial chemistry, renewable energies and new production processes.

We are looking for a qualified candidate to incorporate as **SENIOR RESEARCHER** in the area of “Solar Conversion Technologies”, which is an R&D area in Leitat dedicated to the development and implementation of innovative sustainable technologies for the efficient use of solar energy. Research activities are focused on the:

- development and characterization of advanced PV materials and devices and optimization of their performances
- design of new components and prototypes integrating PV devices or modules
- implementation of advanced measurement and validation protocols for the assessment of their performances both at component/device level and at integrated system scale

Most of these activities are carried out in cooperation with prestigious research centers (both at national and international level) and various industrial partners. The selected candidate will have access to a technological platform endowed with a wide spectrum of design, fabrication and characterization facilities and intensively collaborate with technicians and engineers of the “Advanced Engineering” area.

### **Main Functions:**

To define the overall research strategy and coordinate her/his team’s research activities ensuring the fulfilment of targets and timelines.

To identify and manage funding opportunities (private/public) in order to ensure the research activities and projects achieve their goals.

To interact with LEITAT’s international partners (both in industry and academia sectors) in the frame of challenging European projects.

To implement a wide spectrum of dissemination activities, as well as publications of scientific articles, presentations at technical conferences, organization of international workshops, etc.

### **Training and job requirements**

Master in Renewable Energies / Physics / Materials Chemistry / Electric or Electronic Engineering / at least 4 years research experience in the field of solar conversion technologies

### **Experience:**

Experience in design, fabrication and characterization of advanced materials and devices for energy conversion

Experience in design and modelling of energy conversion systems (e.g design and calculation of a the KPIs of a PV system)

Experience in the drafting of scientific papers and technical reports

### **Competencies:**

Professionalism, resilience, integrity, positivity, commitment, honesty and accountability.

Work in multidisciplinary teams

Efficient use of time and resources

Flexibility and positive attitude

**Language skills:**

Fluent level of Spanish and English, oral and written.

Computer skills:

Office package (advanced level)

**We offer:**

Immediate incorporation  
Salary according to value  
Flexible working day  
Location: Terrassa  
Subsidized catering

Solicitar