

	DEPARTAMENTO DIRECCIÓN GESTIÓN PERSONAS	<a href="http://www.leitat.org">www.leitat.org</a>
	<b>SELECCIONAMOS A:</b>	TRABAJA CON NOSOTROS
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## **SENIOR RESEARCHER IN PHOTONICS**

LEITAT TECHNOLOGICAL CENTER has the mission to promote R&D&I within different industries and to contribute to social development, as well as the encouragement of the innovation culture and the improvement of competitiveness

Now we are hiring a Senior Researcher in Photonics:

Primary functions:

- Execution in photonics lab of different experiments
- Measurements of absorbance, reflectivity, transmittance, photoluminescence, Quantum Yield, refraction index, ellipsometry, thickness of thin film by interferometry, etc.
- Expertise in design of experiments.
- Participation in multidisciplinary projects in different sectors (energy, health, transport, buildings, textiles, etc.)

### **Education and job requirements:**

PhD or Master in Photonics, Physics and Material Science with deep knowledge in photonics devices and materials

Minimum two years of experience in characterization of optical properties of materials.

### **Additional education:**

- Chemistry, Engineering (will be appreciated)
- Synthesis of photonic materials: photoluminescence, spectral converters, antireflection coatings, high absorber coatings, etc.

### **Competencies:**

Independent. Team worker. Fluent communication. Flexibility.  
Design and set up of optical systems

### **Languages:**

Catalan/Spanish  
High level of English

### **Software:**

Use of optical modelling software and methodology (ray trace model).

### **What we offer:**

- Immediate start
- Full time position (Monday to Friday) with flexible working hours
- Salary according to the candidate