

JOB OFFER

Lab technician

Position: Lab technician. T2
Offer date: DOE publication
Project: CIIAE – Refª Técnico-térmico (ALMACENAMIENTO DE ENERGÍA TÉRMICA)
Department: Thermal Energy Storage
Estimated starting date: First quarter of 2024

Workplace:	University of Extremadura. Cáceres campus	
Tasks to be developed:	<p>To reduce the environmental problems caused by the high energy consumption used, it is necessary to develop alternative energy saving systems. The thermal energy storage materials can reversibly absorb and release energy and therefore they can be used to reduce this energy demand. Its incorporation both in residential and industrial applications has economic and environmental advantages, contributing to the more efficient social development from the energy point of view.</p> <p>The selected candidate is expected to perform the following tasks in close collaboration with the pre- and postdoctoral researchers:</p> <ul style="list-style-type: none"> - Physical, chemical and thermal characterization of the thermal storage materials. - Record and review the results. - Organize and clean the lab, managing the residues according the existing legislation. - Equipment preparation, maintenance and cleaning. - Preparation of technical reports. 	
Duration of the contract and salary:	Fixed-term contract. End: November 2025. Possibility of extension.	Gross Salary Range: 24.500 – 27.100 €
Academic background required:	At least formative cycle of superior grade in Lab Technician or demonstrable professional expertise that qualifies him/her for the performance of the function.	
Professional experience:	Not required	
Job requirements	Specific techniques (analytical, software, calculations, prototyping, etc.)	<ul style="list-style-type: none"> - Office tools. - Expertise in the physical, chemical and thermal characterization of materials: DSC, TGA, rheology, Zeta potential, DLS (Dynamic Light Scattering), laser diffraction, lambdometer, densimeter.
	Participation and/or collaboration in R&D&I/business projects	Not required
	Languages	English. Valuable: Spanish and Portuguese.
	Cross-cutting competences	<ul style="list-style-type: none"> - Communication skills - Ability to work in team - Ability to work under pressure - Fast learning
	Willingness to travel and stay abroad	This position requires occasional travelling outside of Extremadura

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	Publications: scientific articles (in journals indexed in Web of Science and/or Scopus), theses (PhD and/or Master's), presentations at conferences, reports, technical reports, technical guides, etc.	Not required.
<p>To be evaluated (adds points to the final evaluation)</p> <ul style="list-style-type: none"> - Demonstrable expertise in: XRD, microscopy (SEM,TEM), GC-MS, ICP-MS, FTIR. - It will be positively valued to have expertise in a researcher lab. - Researcher projects collaboration. - Motivation letter. Please, describe the skills that makes you the ideal candidate for this position. - Feedback of the 2 references provided by the candidates. Please, include 2 reference letters. These letters should highlight the technical and soft skills that they have identify in the candidate and relevant for the position. <p>Note: To facilitate the evaluation process, it is recommended to include a list or table, itemizing the merits you consider that should be evaluated for each of the requirements.</p>		
<p>Selection process:</p> <p>TECHNIQUES: Oral knowledge test YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p> <p>LANGUAGE: ORAL YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (It will be evaluated during the interview)</p> <p>JOB INTERVIEW: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p>		

Interested candidates

Please, send all the documents requested by the terms and conditions of the call for proposals, together with all the documents requested by this job offer, and the Application Form. Deadline is 15 calendar days from the day following the publication in the CIIAE web, and indicating the following reference: **REF Técnico-térmico (ALMACENAMIENTO DE ENERGÍA TÉRMICA)** to:

FUNDECYT-PCTEX (Edificio Parque Científico Tecnológico), Avda. de la Investigación, s/n – Edificio PCTEX, Campus de la Universidad de Extremadura - 06006 Badajoz (Spain)

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