

JUNIOR RESEARCHER

Position offered: Junior Researcher Electrical Insulation Materias for Supercaps J-10
Offer Date: Web Publication
Project: CIIAE – REF. IJ-INSULATION SUPERCAPACITORS J10 (ELECTRICAL ENERGY STORAGE)
Department: Electrical Energy Storage
Expected date of incorporation: 4th quarter 2024

Workplace:	University of Extremadura. Campus de Cáceres	
Tasks to be developed:	Monitoring development of insulation material projects Modeling of modelling projects Dissemination of results Student supervision	
Duration of the contract and salary (per annum):	Temporary Contract Initial duration: 2025 September, with the possibility of extension	Annual Gross Base Salary: 36.775,48 €
Academic background required:	Dr. Chemical Eng / Dr. Chemistry / Dr. Industrial Eng. or similar / Dr. Physics or another equivalent	
Other education:	Assessable: Master in electrochemistry or similar Master in Supercapacitors or similar	
Professional experience:	<ul style="list-style-type: none"> - Projects in supercaps or development of insulation materials for supercapacitors or similar of minimum 1 year - Participation in at least 1 European project (H2020, FP7, etc) or equivalent or equivalent private enterprise experience 	
Job requirements (have to be fulfilled):	Specific techniques (analytics, software, calculations, prototyping, etc.)	AAS, ICP, DRX, DMA, TGA, DSC, TMA, SEM
	Participation and/or collaboration in R&D&I/business projects	Proven participation in 1 European project or equivalent
	Experience in Research Centers / Companies	Yes. Minimum stay of 6 months (in total)
	Languages	Good oral and written skills in English
	Cross-cutting competences	Teamwork Communication skills
	Willingness to travel and stay abroad	Yes

JOB OFFER

	Publications: scientific articles (in journals indexed in Web of Science and/or Scopus), theses (PhD and/or master's degree), presentations at congresses, reports, technical reports, technical guides, etc.	Minimum 5 published articles Minimum participation in 2 congresses
<p>To be evaluated (adds points to the final evaluation)</p> <p>Experience in regional projects / nationals/ Europeans or direct contracting Experience leading students grade/master projects or equivalent projects of students Being the first author of at least one scientific article Valuable knowledge of modeling electrochemical systems Other languages, excluding mother tongue, can be valued Valuable to have obtained scholarships/research contracts of competitive competition equivalent Time of stays in different centers of realization of the Doctoral Thesis</p>		
<p>Selection process details:</p> <p>Technical test: Oral knowledge test YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p> <p>LANGUAGE: ENGLISH ORAL YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (Will be evaluated during the interview)</p> <p>JOB INTERVIEW: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p>		

Interested parties/interested parties:

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, with the deadline being 15 calendar days from the day following the publication in the CIAE web, and indicating the following reference **REF. IJ- INSULATION SUPERCAPACITORS J10 (ELECTRICAL ENERGY STORAGE)**

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

Email: ciae.personal@fundecyt-pctex.es Phone: +34 927 690 042 Ext. 107

www.fundecyt-pctex.es

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