

JOB OFFER

JUNIOR RESEARCHER

Position offered: Researcher Junior Corrosion and degradation of J-7 batteries

Offer Date: Web Publication

Project: CHAE – REF. INV-JUNIOR J7 (ALMACENAMIENTO ELÉCTRICO)

Department: Electrical Energy Storage

Expected date of incorporation: 2023

Workplace:	University of Extremadura. Campus de Cáceres	
Tasks to be developed:	Monitoring of corrosion and battery aging projects Monitoring of modeling projects Dissemination of results Student supervision	
Duration of the contract and/or total financial endowment:	Temporary Contract Initial duration: 2025 September, with the possibility of extension	Gross Salary + S.S. Fees Annual Gross Base Salary Range: 35.000 € - 38.000 €
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	
Professional experience:	<ul style="list-style-type: none"> - Corrosion or aging projects and loss of properties of energy storage systems 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	Minimum participation in 1 European project or equivalent Minimum participation in 1 public national or company private
	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
	Availability for travel and stays abroad	Yes
	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
To be evaluated (adds points to the final evaluation)		
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		

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Valuable knowledge of corrosion and degradation of materials
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

Selection process details:

Technical test: Oral knowledge test YES ☐ NO ☒

LANGUAGE: ENGLISH ORAL YES ☒ NO ☐ (Will be evaluated during the interview)

JOB INTERVIEW: YES ☒ NO ☐

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 CIIAE web, and indicating the following reference **REF. INV-JUNIOR J7 (ALMACENAMIENTO ELÉCTRICO)**

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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