

JOB OFFER

SENIOR RESEARCHER

Puesto ofertado: IS BATTERY CYCLING S-8
Fecha de la oferta: Publicación WEB
Proyecto: CIAE – REF. IS Battery Cycling S-8 (Electrical Energy Storage Department)
Department: Electrical Energy Storage
Expected date of incorporation: First quarter 2024

Workplace:	University of Extremadura. Campus de Cáceres	
Tasks to be developed:	Management of corrosion and aging battery projects Management of cycling and SoH modelling projects Management of electrochemical modelling projects Dissemination of results Laboratory management support	
Duration of the contract and salary (per annum):	Temporary Contract Initial duration: 2025 September, with the possibility of extension	Gross Salary + S.S. Fees Annual Gross Base Salary Range: 45.000 €
Academic background required:	Dr. Chemical Engineer / Dr. CC. Chemistry / Dr. Industrial Eng. or equivalent	
Other education:	Assessable: Master in electrochemistry or similar Master in material corrosion Master in material simulation	
Professional experience:	<ul style="list-style-type: none"> - Projects related with corrosion and property loss of energy storage systems, or battery cycling or battery life estimation or battery modelling minimum 2 years - Participation in at least 4 European projects (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 4 European or national projects or equivalent
	Experience in Research Centers / Companies	Yes. Minimum stay of 1 year (in total)
	Languages	Excellent oral and written skills in English
	Cross-cutting competences	Teamwork Communication skills
	Willingness to travel and stay abroad	YES

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	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 10 published articles Minimum participation in 5 congresses
<p>To be evaluated (adds points to the final evaluation)</p> <p>Experience as Principal Investigator in regional project/ nationals/ Europeans or direct contracting Experience as director of doctoral/PhD theses Experience leading students grade/master projects or equivalent projects of students Experience as first author in at least three scientific articles Valuable knowledge of non-destructive techniques or potentiostatic techniques Valuable knowledge of battery state of health Other languages, excluding mother tongue, can be valued Valuable to have obtained Torres Quevedo, Juan de la Cierva, Ramón y Cajal, MarieCurie or equivalent competitive competition research contracts Time of stays in different centres of realization of the Doctoral Thesis Awards, mentions or other data/achievements that are considered related to the place</p>		
<p>Selection process details:</p> <p>Technical test: Oral knowledge test YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Maximum 4 sheets in English in which you develop your own scientific project</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, and the Application Form. Deadline is 15 calendar days from the day following the publication in the CIAE web, and indicating the following reference **REF. IS Battery Cycling S-8 (Electrical Energy Storage Department)**

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: +34 924 014 594

www.fundecyt-pctex.es

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