

**JOB OFFER**

# SENIOR RESEARCHER

**Position offered: Senior Researcher Corrosion and degradation in batteries S-8**  
**Offer Date: Web Publication**  
**Project: CIAE – REF. INV-SENIOR S8 (ALMACENAMIENTO ELÉCTRICO)**  
**Department: Electrical Energy Storage**  
**Expected date of incorporation: 2023**

<b>Workplace:</b>	University of Extremadura. Campus de Cáceres	
<b>Tasks to be developed:</b>	Management of corrosion and battery aging projects Modeling Project Management Dissemination of results Laboratory management support	
<b>Duration of the contract and salary (per annum):</b>	Temporary Contract Initial duration: 2025 September, with the possibility of extension	Gross Salary + S.S. Fees Annual Gross Base: 45.000 €
<b>Academic background required:</b>	Dr. Chemical Eng / Dr. Chemistry / Dr. Industrial Eng. or similar / Dr. Physics or another equivalent	
<b>Other education:</b>	Assessable: Master in electrochemistry or similar Master in corrosion of materials Master in materials simulation	
<b>Professional experience:</b>	<ul style="list-style-type: none"> <li>- Corrosion or aging projects and loss of properties of energy storage systems of minimum 2 years</li> <li>- Participation in at least 4 European projects (H2020, FP7, etc. ) or equivalent or equivalent private enterprise experience</li> </ul>	
<b>Job requirements (have to be fulfilled):</b>	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
	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
<b>To be evaluated (adds points to the final evaluation)</b>		
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		

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Experience as first author in at least three scientific articles  
Valuable knowledge of non-destructive testing  
Valuable knowledge of battery life status  
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 centers of realization of the Doctoral Thesis  
Awards, mentions or other data/achievements that are considered related to the place

### Selection process details:

**Technical test:** SCIENTIFIC PROJECT YES  NO

Maximum 4 sheets in English in which you develop your own scientific project

**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-SENIOR S8 (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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