

**JOB OFFER**

# JUNIOR RESEARCHER

**Position offered: Junior Researcher Li-ion Battery Cycling J-7**  
**Offer Date: WEB publication**  
**Project: CIAE – REF. Battery cycling J-7 (Electrical Energy Storage Department)**  
**Department: Electrical Energy Storage**  
**Expected date of incorporation: First quarter 2024**

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| <b>Workplace:</b>                                       | University of Extremadura. Campus de Cáceres  |  |
| <b>Tasks to be developed:</b>                           | Monitoring battery cycling projects<br>Monitoring of battery modelling projects<br>Dissemination of results<br>Laboratory management support  |  |
| <b>Duration of the contract and salary (per annum):</b> | Temporary Contract<br>Initial duration: 2025 September, with the possibility of extension   | Gross Salary + S.S. Fees<br>Annual Gross Base Salary Range:<br>35.000 € - 38.000 €   |
| <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   |  |
| <b>Professional experience:</b>                         | <ul style="list-style-type: none"> <li>- Projects related with corrosion or aging and loss of properties or, battery cycling or SoC, SoH estimation or similar minimum 1 year</li> <li>- Participation in at least 1 European project (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   | Proven participation on at least 1 European project or equivalent<br>Proven participation on at least 1 national project or equivalent |
|   | Experience in Research Centers / Companies  | Yes. Minimum stay of 6 months (total)  |
|   | Languages   | Good skills on both English oral and writing   |
|   | Cross-cutting competences   | Teamwork<br>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 5 published articles<br>Minimum participation in 2 congresses |
| <p><b>To be evaluated (adds points to the final evaluation)</b></p> <p>Experience in regional projects / nationals/ Europeans or direct contracting<br/>         Experience leading students grade/master projects or equivalent projects of students<br/>         Being the first author of at least one scientific article<br/>         Valuable knowledge of battery cycling, corrosion and degradation of materials, or modelling electrochemical or Li-battery monitoring<br/>         Valuable knowledge other languages, excluding mother tongue.<br/>         Valuable having been granted with scholarships/research contracts of competitive competition equivalent<br/>         Time of stays in different centres of realization of the Doctoral Thesis</p> |   |   |
| <p><b>Selection process details:</b></p> <p><b>Technical test: Oral knowledge test</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p> <p><b>LANGUAGE: ENGLISH ORAL</b> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (Will be evaluated during the interview)</p> <p><b>JOB INTERVIEW:</b> 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. Battery cycling J-7 (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 (Spain)

Email: [ciae.personal@fundecyt-pctex.es](mailto:ciae.personal@fundecyt-pctex.es) Phone: +34 924 014 594

[www.fundecyt-pctex.es](http://www.fundecyt-pctex.es)

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