JOB OFFER

JUNIOR RESEARCHER

Position offered: Junior Researcher Flow Batteries J-3
Offer Date: Web Publication
Project: CIIAE - REF. INV-JUNIOR J3 (ALMACENAMIENTO ELÉCTRICO)
Department: Electrical Energy Storage
Expected date of incorporation: 2023

<table>
<tr><td>Workplace:</td><td colspan="2">University of Extremadura. Campus de Cáceres</td></tr>
<tr><td>Tasks to be developed:</td><td colspan="2">Monitoring of redox flow battery projects
Monitoring of modeling projects
Dissemination of results
Laboratory management support</td></tr>
<tr><td>Duration of the contract and salary (per annum):</td><td>Temporary Contract
Initial duration: 2025 September, with the possibility of extension</td><td>Gross Salary + S.S. Fees
Annual Gross Base Salary Range:
35.000 € - 38.000 €</td></tr>
<tr><td>Academic background required:</td><td colspan="2">Dr. Chemical Eng / Dr. Chemistry / Dr. Industrial Eng. or similar / Dr. Physics or another equivalent</td></tr>
<tr><td>Other education:</td><td colspan="2">Assessable: Master in electrochemistry or similar</td></tr>
<tr><td>Professional experience:</td><td colspan="2">- Projects related with vanadium or organic electrolyte flow batteries minimum 1 year
- Participation in at least 1 European project (H2020, FP7, etc.) or equivalent or equivalent private enterprise experience</td></tr>
<tr><td rowspan="7">Job requirements (have to be fulfilled):</td><td>Specific techniques (analytics, software, calculations, prototyping, etc.)</td><td>AAS, ICP, DRX, TGA, DSC, TMA</td></tr>
<tr><td>Participation and/or collaboration in R&D&I/business projects</td><td>Proven participation on at least 1 European project or equivalent</td></tr>
<tr><td>Experience in Research Centers / Companies</td><td>Yes. Minimum stay of 6 months (total)</td></tr>
<tr><td>Languages</td><td>Yes. Minimum stay of 6 months cumulative</td></tr>
<tr><td>Cross-cutting competences</td><td>Teamwork
Communication skills</td></tr>
<tr><td>Willingness to travel and stay abroad</td><td>Yes</td></tr>
<tr><td>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.</td><td>Minimum 5 published articles
Minimum participation in 2 congresses</td></tr>
<tr><td colspan="3">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
Valuable knowledge of modeling electrochemical systems</td></tr>
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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 Awards, mentions or other data/achievements that are considered related to the place
Selection process details: **Technical test: Oral knowledge test YES** ☐ NO X **LANGUAGE: ENGLISH ORAL YES** X NO ☐ **(Will be evaluated during the interview)** **JOB INTERVIEW:** YES X 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 J3 (ALMACENAMIENTO ELÉCTRICO)**

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