JOB OFFER

TECHNICAL RESEARCHER

Position:	**Level 1 Technical Researcher Contract linked to the area of ELECTROLYSIS AND LOW-TEMPERATURE FUEL CELLS, associated with Grant Group GR24193, project "IH2PTX"***		
Project:	**IH2PTX**		
Professional category:	**Level 1 Technician**	**Contribution group:**	
Work Center:	University of Extremadura. Caceres Campus		
Number of places:	**1**	**Reserve percentage, if applicable:**	
Department:	**Hydrogen and Power-to-X**		
Offer date:	**DOE Publication**	**Deadline for submitting bids:**	**15 calendar days**, counting from the day after publication in the DOE (Official Journal of Extremadura)
Application for participation:	Published on the CIIAE website in the section for this offer	**Form of presentation of the application for participation by applicants:**	APPLICANTS MUST SEND ALL DOCUMENTATION FROM POINT 5 OF THE CALL BASES and the rest of the valuable documentation, indicating the following subject: **RefªT1-IH2PTX-ELECTRÓLISIS (HIDRÓGENO Y POWER-TO-X)**
Documents to be submitted with the application:	The documents listed in **point 5 of the Call Bases.** In addition to the mandatory documentation above, the following documents will be considered: - One-page motivation letter (maximum 600 characters) - Two references by letter of recommendation		
Contact information for sending requests	FUNDECYT-PCTEX (Science and Technology Park Building), Avda. de la Investigación, s/n, PCTEX Building, Campus of the University of Extremadura – 06006 Badajoz (Spain) Email: ciiae.personal@fundecyt-pctex.es www.fundecyt-pctex.es www.ciiae.org		
Estimated start date:	**June 2026**	**Probation:**	**2 MONTHS**
Waiting list	Yes, according to the regulations of points 9 and 10 of the Call Bases.		
Conditions and requirements for applicants:	Those established in point 4 of the Call Bases		

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Members of the selection body:	**President: David Parra Mendoza**
	Secretary and member: Lucía Cordón Masero
	Member: Catarina Matos
	Member: Liliana Analía Díaz
	Alternate member: Rayees Ahmad Rather
Tasks to be developed:	The IH2PTX project will strengthen the research capacity and output of the Iberian Hydrogen and Power-to-X research group. The selected candidate is expected to perform the following tasks: – Modelling and simulation of electrolysis and hydrogen technologies – Collaboration and experimental work with electrolysis and hydrogen technologies – Processing and analysis of results/data obtained from modelling, simulation and experiments – Collaboration with theoretical and experimental researchers at CIIAE and other institutions – Participation in group meetings and drafting of progress reports on research related to projects – Active involvement in disseminating results in both written and oral formats: drafting reports, original scientific articles and/or review articles, protocols or methods suitable for publication in high-impact journals; presentations * Project founded by the Innovation; Regional Ministry of Education, Science and Vocational Training of the Regional Government of Extremadura, under the call for proposals regulated by the ORDER OF 30 APRIL 2024 (DOE No. 87, 07/05/2024), LINE 1 OF AID FOR THE CONSOLIDATION OF RESEARCH GROUPS, co-financed by the European Union.
Academic background:	Bachelor's degree in engineering, e.g., chemical or energy engineering, or bachelor's degree in chemistry, physics or similar. Must have a degree at the time of the contract. Degree obtained after 2018 (inclusive). (In the case of qualifications obtained abroad, a declaration of equivalence will be requested).
Other training:	-
Contract duration:	**Duration until the end of the Project (December 31th, 2026)**

Remuneration:	Gross Annual Salary: SB: 29.980,83 €	**Financing:**	Co-financed at 85% by the European Union, the European Regional Development Fund, and the Regional Government of Extremadura. Managing Authority: Ministry of Finance. File No. GR24193

Details of the selection process:

- **Technical test:** NO
- **Language : YES (will be evaluated during the interview)**

<table>
<tr><td colspan="2">- Job interview : YES</td></tr>
<tr><td rowspan="3">Evaluation: evaluable criteria and subcriteria</td><td>MERIT AND CURRICULAR EVALUATION PHASE (COMPETITION): up to 60 points</td></tr>
<tr><td>Section A: Research techniques (40 points)
– Simulation and modelling of electrolysis and hydrogen technologies
– Knowledge and performance of literature review of thermodynamics and the principles of hydrogen and Power-to-X technologies, as well as theoretical knowledge of electrochemistry
– Some first experience in laboratory related to electrolysis (e.g., preparation of solutions, materials and equipment usage protocols).
– Theoretical knowledge of electrochemistry and Power-to-X technologies
– Some first experience in operating laboratory equipment

Section B: Cross-cutting competences (5 points)
– Proven participation in scholarships/collaborative stays during the development of the degree/master's degree.
– Proven with experience the ability to work in a diverse and flexible academic environment in a team-oriented, but independent way.
– Commitment to open science in terms of research methods, data and publications. Conference presentations, reports and/or industrial technical reports will be evaluated

Section C: TFG on a topic related to hydrogen/energy storage /materials (10 puntos)

– To be shared with the job application

Section D: To be valued (5 puntos)
– Some first knowledge or work experience in catalysts
– Experience in the use of potentiostats
– Some theoretical knowledge of atomistic simulations
– Some theoretical knowledge of Life-cycle analysis (LCA) modelling</td></tr>
<tr><td>INTERVIEW PHASE (OPPOSITION): up to 40 points</td></tr>
<tr><td></td><td>– Adequacy of knowledge, experience and other required qualifications (20 points)
– Competence, aptitude, skills and abilities: organizational, analytical, team management and communication skills (5 points)
– The suitability of the applicant's profile for the post to be filled (5 points)
– Communication skills in English, Portuguese and/or Spanish (5 points)
– The candidate's interest in integrating into the organization and in the performance of the post to be filled (5 points)</td></tr>
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