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Code:

Project: 3DSOEC

Area leader: Prof. Joan Ramon Morante

Group: Nanoionics and Fuel Cells

Group leader: ICREA Prof. Albert Tarancón Rubio

POSTDOC POSITION IN 3D PRINTED SOLID OXIDE FUEL CELLS

The Group Leader of Nanoionics and Fuel Cells is seeking a postdoctoral-level researcher to work in an industrial Project devoted to the development of Solid Oxide Electrolysis Cells by ceramic 3D printing.

Description: We are interested in a PhD with experience in materials science, especially ceramics for Solid Oxide Fuel Cells. The role of the postdoc in the project will consist on the development and evaluation of SOFC designs suitable for fabrication by 3D printing. Deep knowledge in Materials Science and/or Mechanical Engineering is required.

Requirements: Professional who is highly skilled in planning and organizing. We look for people with capacity to work in a team, high flexibility and initiative and ability to innovate.

PhD in Materials Science/Mechanical Engineering/Chemistry/Physics or similar is required. Experience in materials and characterization of SOFC and 3D printing is desirable.

Fluent English is mandatory.

We offer: One year postdoctoral contract with possibility of extension. Joining a team of highly qualified and motivated researchers working in the frontiers of knowledge in science and technology.

A salary commensurate with the characteristics of the candidate

Incorporation: The candidates should be available for starting at the beginning of 2021

Workplace: Barcelona (IREC facilities)

Applicants should send a detailed CV and a motivation letter to Albert Tarancón atarancon@irec.cat. Please indicate the reference "3DSOEC" in the subject of your mail.