

Where: Department of Chemical Engineering and Institute of Advanced Materials, Universitat Jaume I, Spain.

Duration: up to 3 years

Funding: Generalitat Valenciana NextGenerationEU funds programme for Materials with Advanced Functionalities for the New Technological Transformation (SintBat). Starting: 01/02/2023 aprox.

Requirement: University degrees in Chemical, Physics or Chemical Engineering and Master's in Materials Sciences or in the field of engineering or equivalent.

Background: Inorganic chemistry and synthesis, electrochemistry, battery testing.

About the project: The work will be focused on: 1) Design of experiments, preparation of ceramic solid electrolytes sintered at low temperature for lithium batteries. 2) Chemical-physical characterization of solid electrolytes, as well as electrical measurements and analysis and interpretation of data. 3) Assistance and testing of energy storage devices (batteries).

Application deadline: 9/1/2023.

Contact: under the supervision of Juan Barba (barba@uji.es) and Germà Gacia-Belmonte (garciag@uji.es).

For application we need:

- a motivation letter explaining your research experience, current research interests and reasoning why you think you would be a good fit for this position (max. 1 page)
- CV (max. 4 pages)

Please submit your application with "SintBat-PhD" in the subject line.