

## 23 de MARZO de 2023

16.00 h, Sala de Grados Edificio Torres Quevedo, Campus Río Ebro

## **DEFENSA DE TESIS DOCTORAL**



"Development of high-temperature electrolyzers: Search for new efficient electrodes and design of advanced microtubular electrolyzers"

## Miguel Ángel Morales-Zapata

The overall scope is the development of new air electrode materials for advanced high-temperature microtubular electrolyzers. It is divided in two parts: First, an analysis of Pr- and Gd-doped ceria an its application as air electrodes in symmetrical cells. The second part is focused on the fabrication, electrochemical characterization of microtubular single-cells, and the study of stability and degradation phenomena under reversible solid oxide cell operation.

## Link:

For people interested in attending the online dissertation, please send an email to malaguna@unizar.es





