

26
NOVEMBER
2024

Advanced Functional Materials for Energy Storage and Generation.

Under the frame of ICOOP Project from CSIC, ref. COOPB23103:

Efficient, safe, sustainable and high capacity all-solid-state
batteries based on the design of new electrodes, electrolytes
and interfaces and recycled ones.

10:30

11:15

Dr. Ryan Dula Corpuz

Energy Research and Innovation Collaboratory (ERIC), De La Salle University
Laguna Campus and DOST-PCIEERD, Philippines.

"Innovative Nanostructured MnO₂-Based Cathodes for Zinc-Ion Batteries"

11:15

12:00

Dr. Lyn Marie De Juan Corpuz

Energy Research and Innovation Collaboratory (ERIC), De La Salle University
Laguna Campus and Nanolabs LRC Co., Philippines.

"Vanadium-based electrodes for rechargeable battery technologies"

12:00

12:30

Dr. Jadra Mosa

Institute of Ceramic and Glass ICV-CSIC, Spain

*"Hybrid membranes with improved crossover and cell performance for PEMFC
and DMFCs applications"*

12:30

13:00

Dr. Francisco Muñoz

Institute of Ceramic and Glass ICV-CSIC, Spain

"Ionic conduction in LiPON solid electrolytes"

PhD Students Keynote Lectures

13:00

13:15

Jorge Gonzales Morales

Institute of Ceramic and Glass ICV-CSIC, Spain.

"Binder-free Fe-N-C-O bifunctional electrocatalyst for aqueous Zinc-air batteries"

13:15

13:30

Álvaro Vázquez Navalморal

Institute of Ceramic and Glass ICV-CSIC, Spain

*"Optimising cobalt-free Sr₃Fe₂O_{7-d} Ruddlesden-Popper phase to be used as air
electrode for solid oxide cells"*

ORGANIZER

Dr. Mario Aparicio (info. maparicio@ivc.csic.es)

Dr. Carolina Rosero-Navarro (info. rosero@ivc.csic.es)

Institute of Ceramic and Glass ICV-CSIC, Spain

PROGRAM