



MEDIATED BIPHASIC BATTERY

3rd Public Workshop

New Materials and Technologies for Electrochemical Energy Storage

The workshop will explore cutting-edge materials and technologies for stationary electrochemical energy storage. International experts from leading research institutions will delve into various critical aspects needed to develop sustainable, cost-effective, and efficient electrochemical energy storage systems. Topics will include advanced battery materials, redox flow batteries, engineering innovations, sophisticated characterization techniques, and other exciting challenges in the field.

October 9, 2024

at

**IMDEA Energy
Av. Ramón de La Sagra
28935 Móstoles, Madrid, Spain**

Remote participation will be available.

Organized by Rebeca Marcilla and Paula Navalpotro (IMDEA Energy)



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Agenda		
Time	Speaker	Title
14:15 – 14:20	Rebeca Marcilla (<i>IMDEA Energy</i>) Edgar Ventosa (<i>Universidad de Burgos</i>)	Welcome note
14:20 – 15:00	Eduardo Sánchez (<i>CIC Energigune</i>)	Nitroxyl radicals: exploring solutions for flow battery catholyte
15:00 – 15:40	Marcos Vera (<i>University Carlos III</i>)	Investigating all-vanadium redox flow batteries through advanced mathematical models and experimental diagnosis tools
15:40 – 16:20	Evan Wenbo Zhao (<i>Radboud University</i>)	Coupled benchtop NMR and EPR for studying redox flow batteries in operando.
16:20 – 16:50	Coffee break	
16:50 – 17:30	Rafael Trocoli (<i>University of Córdoba</i>)	Prussian Blue Analogues for Multivalent insertion applications
17:30 – 18:10	Cristina Flox Donoso (<i>CIAAE</i>)	Emerging Materials for Redox Flow batteries
18:10 – 18:20	Rebeca Marcilla & Edgar Ventosa	Discussion & workshop closure

The workshop is free of charge.

If you are interested, please register on the [MeBattery website](#).