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Seawater Batteries

The road for a sustainable future

LIVE WEBINAR - December 12, 2025
10.30 AM – 1 PM (CET)

SPEAKERS AND PROGRAM

Introduction notes

Ing. Massimiliano Borasso, R&D Manager, MTU

Broader Analysis

- ❖ Prof. Stefano Passerini (AIT – Austrian Institute of Technology): **Na & Na-SWB potential role in the clean energy transition**
- ❖ Dr. Marco Serafini (JRC - European Commission): **Hydrogen's Freshwater Impact: A Sustainability Perspective for the Clean Energy Transition**

Materials

- ❖ Dr. Elisa Mercadelli (ISSMC – Faenza): **Manufacturing Ceramic Electrolytes for Sodium Solid-State Batteries**
- ❖ Prof. Carlo Santoro (Università Milano Bicocca): **Contaminants effects on the activity of electrocatalysts during ORR and OER**
- ❖ Prof. Yongil Kim (Gachon University, Republic of Korea): **Redox-Mediated Strategies for High-Energy-Density and Stable Sodium-Seawater Batteries: From Hard Carbon to Sodium Metal Anodes**

Cell & System

- ❖ Dr. Alberto Varzi (Helmholtz Institute Ulm): **Development of cylindrical Na-seawater cells**
- ❖ Dr. Alessandro Innocenti (Zentrum für Sonnenenergie und Wasserstoff): **SWB green platform**



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