

SOLID OXIDE CELLS: FROM MATERIALS TO SYSTEMS

19 FEBRUARY 2026 | 14:00 - 16:00

14:00 OPENING

14:10 - 14:30 PROJECT PITCHES

- Jakub Kupecki: Hy-SPIRE Project*
Alberto Giaconia: PROMETEO Project
Antonio Gianfranco Sabato: HYP3D Project
Marc Torrell: 24/7 Zen Project

14:30 - 15:00 SESSION 1 | MATERIALS AND TECHNOLOGIES FOR NEW CELLS COMPONENT

Chaired by Kosova Kreka (IREC)

- *Wolff-Ragnar Kiebach (DTU, Hy-SPIRE Project)*
"Upscaling of proton conducting ceramic cells"
- *Antonio Gianfranco Sabato (IREC, HYP3D Project)*
"Additive manufacturing of Yttria Stabilized Zirconia for Solid Oxide Cells"

15:00 - 15:30 SESSION 2 | SOEC: FROM THE DESIGN TO THE INDUSTRIAL APPLICATION

Chaired by Matteo Testi (FBK)

- *Jan Van Herle (EPFL, Hy-SPIRE Project)*
"Compact SOC stack design for low temperature electrolysis application"
- *Patel Mahal (STAMICARBON, PROMETEO Project)*
"Enabling Green Ammonia: Integrating Renewable Hydrogen for a Sustainable Chemical Industry"

15:30 - 16:00 SESSION 3 | HOW TO GUARANTEE UNINTERRUPTED OPERATION OF SOC SYSTEMS

Chaired by Anna Niemczyk (IEN)

- *Lucile Bernadet (IREC, 24/7 Zen Project)*
"Power-to-Gas-to-Power as a key solution for continuous SOC operation"
- *José González-Aguilar (IMDEA Energy, PROMETEO Project)*
"Storage and operation modes to enhance SOFC durability & reliability"

> Each session will include a Q&A <