

Session Program

12-17 Oct 2025



BrightCon



12.-17.10.2025

Grenoble (FR) / online



Brightcon 2025, hackathon & courses in Grenoble and online

T1: Open data and tools for energy

CEA Grenoble

Thursday 16 October

08:30

T1: Open data and tools for energy

Session | Location: CEA Grenoble

08:30–09:00

e-Hydrogen Cost Optimizer: A Tool for Techno-economic Optimization and Environmental Performance of Green Hydrogen Systems

Speakers

Holkan Vazquez, Mrs Monserrat Echegoyen-Lopez

09:00–09:15

Capturing When and Where CO₂ Removal Matters: A Modular, and Open-Source LCA of Ocean Alkalinity Enhancement

Speaker

Arezoo Azimi

09:15–09:30

Hybrid framework for multi-objective optimization of sustainable energy systems

Speaker

Diego Larrahondo

09:30–10:00

TEA-LCA of hydrogen-based ICE-CHP in decentralized energy systems: feedback on OpenModelica-ActivityBrowser interfacing from code-curious users

Speaker

Paul Robineau

10:00