

Session Program

18-22 May 2025



CEC/ICMC 2025 Abstracts & Technical Program ***C3Or4A - LH2 and LNG II: Storage and Utilization***

Peppermill Reno
2707 S. Virginia St. Reno, NV 89502

Wednesday 21 May

16:15

C3Or4A - LH2 and LNG II: Storage and Utilization

Session | Location: Capri 1

16:15-16:30

C3Or4A-01: Energy of Fluid (EOF) simulations of large-scale zero boil-off hydrogen storage systems

Speaker

Dr Colin Mahony

16:30-16:45

C3Or4A-02: Upgrades and initial weathering test results of the liquefied natural gas testbed at NASA Kennedy Space Center

Speaker

Adam Swanger

16:45-17:00

C3Or4A-03: Novel concept of cryo-adsorbed hydrogen energy storage system

Speaker

Dr Nir Tzabar

17:00-17:15

C3Or4A-04: Transient system-level cryogenic thermal management models of liquid hydrogen-fueled electric aircraft

Speaker

Dr Youngjun Choi

17:15-17:30

C3Or4A-05: New design data for ortho-parahydrogen converters

Speaker

Sebastian Eisenhut

17:30-17:45

C3Or4A-06: Process simulation and techno-economic assessment of hydrogen liquefaction plants with integrated ortho-para conversion

Speaker

Laura Stops

17:45-18:00

C3Or4A-07: Effect of sloshing conditions on the boil-off rate of cryogenic liquid in membrane tank

Speaker

Dr Le-Duy Nguyen

18:00