

Session Program

May 18 - 22, 2025



CEC/ICMC 2025 Abstracts & Technical Program

C2Or4D - Aerospace Applications I

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

Tue, May 20

4:15 PM

C2Or4D - Aerospace Applications I

Session | **Location:** Naples 7 | **Conveners:** Mark Zagarola, Dr Bertrand Baudouy

4:15 – 4:30 PM

C2Or4D-01: Investigation of chill-down process of cryogenic tank

Speaker

Seungwhan Baek

4:30 – 4:45 PM

C2Or4D-02: Efficiency of CryoFILL Liquefaction Tests

Speaker

Ali Kashani

4:45 – 5:00 PM

C2Or4D-03: Development of a method for estimating tank internal conditions during cryogenic fluid filling

Speaker

Mr Shin Sakai

5:00 – 5:15 PM

C2Or4D-04: Cryogenic droplet-spray impact and rewetting dynamics in tank chilldown applications

Speaker

Mr Bhushan Patil

5:15 – 5:30 PM

C2Or4D-05: Cryogenic Two-Phase Flow Boiling Correlations for Terrestrial and Reduced Gravity

Speaker

Jason Hartwig

5:30 – 5:45 PM

C2Or4D-06: Electrospun Polyvinylidene fluoride co-hexafluoropropylene (PVDF-HFP) for Passive Thermal Management in Space

Speaker

Chieloka Ibekwe

5:45 PM