

Session Program

18-22 May 2025



CEC/ICMC 2025 Abstracts & Technical Program

C2Or4D - Aerospace Applications I

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

Tuesday 20 May

16:15

C2Or4D - Aerospace Applications I

Session | Location: Naples 7b

16:15–16:30 **C2Or4D-01: Investigation of chill-down process of cryogenic tank**

Speaker

Seungwhan Baek

16:30–16:45 **C2Or4D-02: Efficiency of CryoFILL Liquefaction Tests**

Speaker

Ali Kashani

16:45–17:00

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

Speaker

Mr Shin Sakai

17:00–17:15

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

Speaker

Mr Bhushan Patil

17:15–17:30

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

Speaker

Jason Hartwig

17:30–17:45

C2Or4D-06: Heat transfer characterization of a flat plate liquid cryogenic jet impingement with inverse method

Speaker

Clément Louriou

17:45–18:00

C2Or4D-07: Electrospun Polyvinylidene fluoride co-hexafluoropropylene (PVDF-HFP) for Passive Thermal Management in Space

Speaker

Chieloka Ibekwe

18:00