

## Session Program

May 18 - 22, 2025



## CEC/ICMC 2025 Abstracts & Technical Program

### ***C3Po1C - Thermophysical Properties and Transport Processes III***

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

# Wed, May 21

9:15 AM

## C3Po1C - Thermophysical Properties and Transport Processes III

Poster Session | Location: Exhibit Hall, Tuscany Ballroom | Convener: Kyle Appel

### C3Po1C-03: Modeling of the Cryogenic Liquid Regasification Process with Consideration of Evaporation and Superheating

**Speaker**

Ziemowit Malecha

### C3Po1C-08: Modeling of thermal performance in self-pressurized liquid helium tanks

**Speakers**

Xiujian Xie, Liang Guo, Ye Chen, Wei Wu, Mr Qiming Jia, Shaoqi Yang

### C3Po1C-04: Completion of vapor-liquid equilibrium measurements of the helium-neon system at temperatures below 36 K

**Speaker**

Mr Julian Schunk

### C3Po1C-07: Study on the flow nucleate boiling heat transfer of slush nitrogen

**Speaker**

Xinyu Lu

### C3Po1C-05: Experimental study on inclined two-phase flow cooling of multi-stranded aluminum cable

**Speaker**

Mr Yang Guo

### C3Po1C-02: Numerical Simulation Study on the Precooling Process of a Propane Storage Tank in a Liquid Air Energy Storage System

**Speaker**

Jiamin Du

### C3Po1C-06: Three-dimensional simulations for evolving thermodynamic scaling laws in cryogenic cavitating fluid transients

**Speaker**

Arjun Garva

11:00 AM