

## Session Program

18-22 May 2025



## CEC/ICMC 2025 Abstracts & Technical Program

### *C2Po3C - New Devices, Novel Concepts, and Miscellaneous I*

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

## Tuesday 20 May

14:00

### C2Po3C - New Devices, Novel Concepts, and Miscellaneous I

Poster Session | Location: Exhibit Hall, Tuscany Ballroom

#### C2Po3C-05: Small Scale Joule Thomson Hydrogen Liquefaction - A Comparison of Two Liquefaction Cycles

**Speaker**

Henrik-Gerd Bischoff

#### C2Po3C-01: Thermodynamic and mechanical properties of solid-phase media for moving cryogenic energy storage packed beds

**Speaker**

Dr Zhaozhao Gao

#### C2Po3C-02: Machine Learning Methods for Cryocooler Performance Optimization and Failure Prediction

**Speaker**

Hannah Rana

#### C2Po3C-03: Quantum computer cryogenic cooling system

**Speaker**

Marco Roveta

#### C2Po3C-04: Impact of Cryogenic Conditions on Lithium-Ion Battery Cell Performance

**Speaker**

Nattawut Tharawadee

16:00