

## Session Program

18-22 May 2025



## CEC/ICMC 2025 Abstracts & Technical Program

### ***C2Po1F - Large Scale Cryogenic Systems IV: Operation & Design IV***

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

## Tuesday 20 May

09:15

### C2Po1F - Large Scale Cryogenic Systems IV: Operation & Design IV

Poster Session | Location: Exhibit Hall, Tuscany Ballroom

#### C2Po1F-06: Model development and optimization of cryogenic mixed-refrigerant cycles with phase separators

**Speaker**

Mr Jakob Reichert

#### C2Po1F-07: Simulation and optimization of reliquefaction refrigerator for cryogenic liquid

**Speakers**

Jihao Wu, Dr Jin Zhen Wang

#### C2Po1F-05: Conceptual design of a replacement 2.1 K cold box for the Spallation Neutron Source Central Helium Liquefier

**Speaker**

Brian Mastracci

#### C2Po1F-04: Numerical study of liquid medium based packed bed cold storage in liquid air energy storage system

**Speaker**

Junxian Li

#### C2Po1F-02: Modeling and Dynamic Simulation for the Cold Box of 6kW Helium Refrigerator

**Speaker**

Xiaofei Lu

#### C2Po1F-01: Dynamic simulation and automatic control strategy design for the compressor system of 6kW Helium refrigerator

**Speaker**

Xiaofei Lu

#### C2Po1F-03: RAMI analysis of 6kW helium refrigerator system

**Speaker**

Mr Jialong Ye

11:00