

## Session Program

9-13 Jul 2023



## CEC/ICMC 2023 Abstracts & Technical Program

### *C2Po1F: Miscellaneous I*

Hawaii Convention Center

# Monday 10 July

09:15

## C2Po1F: Miscellaneous I

**Poster Session** | **Location:** Exhibit Hall III, Level 1 | **Conveners:** Michael White, Greg Tatkowski

### **C2Po1F-06: Experimental study on single-stage adiabatic demagnetization refrigerator (ADR) with Chromium Potassium Alum (CPA)**

**Speaker**

Yilin Lei

### **C2Po1F-08: High accuracy resistivity and temperature coefficient measurements of Invar from 4 to 300 K**

**Speakers**

Ben Hamilton, Jacob Adams

### **C2Po1F-07: Thermal conductivity measurements for additively manufactured AlSi10Mg and Al6061-RAM2 aluminum composites at cryogenic temperatures**

**Speaker**

Lauren Reising

### **C2Po1F-09: An innovative cryogenic system for cooling superconducting wind turbine electrical generators**

**Speakers**

Mr Jean-Marc Bernhardt, Mrs Pascale Dauguet

### **C2Po1F-03: Development of a research cryostat for direct thermoacoustic cooling and conversion of hydrogen**

**Speaker**

Matthew Shenton

### **C2Po1F-02: Design Improvements in Liquid Argon Purification Techniques in DUNE Cold Electronics Test Cryostat**

**Speaker**

Frederick James Schwartz Li

### **C2Po1F-01: Flow rate optimization for a small liquid argon system at Fermilab.**

**Speaker**

Sergey Koshelev

### **C2Po1F-04: Leidenfrost dynamics of a LN2 droplet inside an immisible liquid pool**

**Speaker**

Prof. Srinivas Vanapalli

11:00