

## Session Program

9-13 Jul 2023



## **CEC/ICMC 2023 Abstracts & Technical Program**

### ***C30r2D: Non-Aerospace Coolers VII: Cryogen Free Dilution Refrigerators***

Hawaii Convention Center

# Wednesday 12 July

11:00

## **C3Or2D: Non-Aerospace Coolers VII: Cryogen Free Dilution Refrigerators**

**Session** | **Location:** 317 | **Conveners:** Matthew Hollister, Dr Ram Dhuley

11:00-11:15

### **C3Or2D-01: Investigations on the throttling process of helium-3 in a cryogen-free dilution refrigerator**

**Speaker**

Mr Shiguang Wu

11:15-11:30

### **C3Or2D-02: Design and optimization of the sintered heat exchanger in the cryogen-free dilution refrigerator**

**Speaker**

Yujia Zhai

11:30-11:45

### **C3Or2D-03: Investigation of helium gas-gap heat switch for the cryogen-free dilution refrigerator**

**Speaker**

Dirui Wu

11:45-12:00

### **C3Or2D-04: Numerical Modelling of Thermoacoustic Stirling Engines & Refrigerators**

**Speaker**

Holly Butson

12:00