

## **Session Program**

**9-13 Jul 2023**



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

### ***C4Or1D: Aerospace Coolers III: Electronics and Testing***

Hawaii Convention Center

# Wednesday 12 July

10:00

## C4Or1D: Aerospace Coolers III: Electronics and Testing

**Session** | **Location:** 314 | **Conveners:** Ed Canavan, Bradley Moore

10:00–10:15

### C4Or1D-01: Vibration-Free 40-80K Turbo-Brayton cryocooler and its very high efficiency recuperator for Earth Observation instruments

**Speaker**

Dr Matthieu Dalban-Canassy

10:15–10:30

### C4Or1D-02: Improvement of the two-stage Stirling cooler below 20K

**Speaker**

Aogu Yasuda

10:30–10:45

### C4Or1D-03: Characterization Testing of the Northrop Grumman MiniCoolerPlus (MCP)

**Speaker**

Nicholas Rich

10:45–11:00

### C4Or1D-04: Characterization testing of the Air Liquide LPTC

**Speaker**

Ian McKinley

11:00–11:15

### C4Or1D-05: Characterization testing of the Thales LPT9310-HP

**Speaker**

Ian McKinley

11:15–11:30

### C4Or1D-06: Ball Low Cost, Low EFT, High Capacity Cryocooling Systems

**Speaker**

Ryan Taylor

11:30–11:45

### C4Or1D-07: Ball Modular Advanced Cryocooler Control Electronics (MACCE)

**Speaker**

Ryan Taylor

11:45–12:00

### C4Or1D-08: Next Generation Space Cryocooler Electronics Products

**Speaker**

Mr Kerry Frohling

12:00