

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