

Session Program

9-13 Jul 2023



CEC/ICMC 2023 Abstracts & Technical Program

C1Po2A: Aerospace Applications I: Devices

Hawaii Convention Center

Sunday 9 July

14:00

C1Po2A: Aerospace Applications I: Devices

Poster Session | **Location:** Exhibit Hall III, Level 1 | **Conveners:** Ryan Grotenrath, Kjell Westra

C1Po2A-08: Using mylar-insulated cryopumping panels to improve vacuum level during warm temperature testing at JSC's large thermal vacuum facilities

Speaker

Ms Kaixin Cui

C1Po2A-01: Development of a cryogenic stepping motor using high-purity copper wire

Speaker

Dr Teruhito Iida

C1Po2A-02: Overview of GTL's composite cryotank development

Speaker

Mr Zachary Taylor

C1Po2A-03: Experimental investigation of fast chill-down performance in cryogenic transfer lines using wire coil inserts

Speaker

Minsub Jeong

C1Po2A-04: The Simulation and Experiments of A High Frequency Single Stage Pulse Tube Cryocooler with Two Cooled Sinks

Speaker

Maowen Zheng

C1Po2A-05: Design and Optimization of a High Frequency Miniature Pulse Tube Cryocooler

Speaker

Maowen Zheng

C1Po2A-06: Development of a 35K single-stage coaxial pulse tube cryocooler

Speaker

Yilin Lei

C1Po2A-07: Dynamic Loading Capacity Test System of Thrust Gas Bearing of Cryogenic Turbo Expander

Speaker

Xiaohua Zhang

16:00