

Session Program

9-13 Jul 2023



CEC/ICMC 2023 Abstracts & Technical Program

C3Po1D: Non-Aerospace Coolers VI: Stirling and Pulse Tube Coolers

Hawaii Convention Center

Tuesday 11 July

09:15

C3Po1D: Non-Aerospace Coolers VI: Stirling and Pulse Tube Coolers

Poster Session | **Location:** Exhibit Hall III, Level 1 | **Conveners:** Carl Kirkconnell, Ray Radebaugh

C3Po1D-06: Study on a 20 K two-stage thermally-coupled pulse tube cooler with independent ambient displacers

Speaker

Mr Yibing Zhang

C3Po1D-07: Theoretical and experimental study of a three-stage Stirling-type pulse tube refrigerator below 10K

Speaker

Chushu Fang

C3Po1D-05: Study on the thermal coupling structure of cryogenic liquid ZBO storage system cooled by a high-frequency pulse tube cryocooler

Speaker

Dr Liubiao Chen

C3Po1D-04: Numerical study on two-stage Stirling cryocooler with a long second expansion space

Speaker

Bokeum Kim

C3Po1D-03: The investigation of a multi-bypass structure on the pulse tube refrigerator through the finite volume method

Speaker

ZeKun Wang

C3Po1D-02: Study on heat transfer characteristics of regenerator under different Valensi numbers

Speaker

Yu Fangqiu

C3Po1D-08: A three-stage high-frequency pulse tube cryocooler obtaining a low temperature down to 2 K

Speaker

Dr Biao Yang

11:00