Session Program

18-22 May 2025



CEC/ICMC 2025 Abstracts & Technical Program

C1Po1B - Aerospace Cryocoolers I: Pulse Tube and Stirling I

Peppermill Reno 2707 S. Virginia St. Reno, NV 89502

Monday 19 May

C1Po1B - Aerospace Cryocoolers 1: Pulse Tube and Stirling I beter Session Location: Exhibit Hall, Tuscany Balfroom C1Po1B-01: In-line and coaxial configuration performances of Stirling pulse tube cryocoolers for spaceflight Speaker Ayssa Wang C1Po1B-10: Research on the Influence of Average Pressure on the Thermodynamic Cycle and Performance of Pulse Tube Cryocoolers Speaker Dr Menglin Liang C1Po1B-09: Simulation and experimental of phase shifter in high frequency pulse tube cryocooler Speaker Mingtao Pan C1Po1B-07: Investigation on a thermal-coupled two-stage pulse tube cryocooler Speaker Mingtao Pan C1Po1B-05: Investigation on a thermal-coupled two-stage pulse tube cryocooler Speaker Mingtao Pan C1Po1B-05: Numerical and experimental investigation of the compressor coupling tharacteristic of a 20K thermal-coupled two-stage high-frequency pulse tube cryocooler Speaker J1Po1B-05: Numerical and experimental investigation of the compressor coupling tharacteristic of a 20K thermal-coupled two-stage high-frequency pulse tube cryocooler Speaker J1Po1B-05: Numerical and experimental investigation of the compressor coupling tharacteristic of a 20K thermal-coupled two-stage high-frequency pulse tube cryocooler Speaker J1Po1B-05: Numerical and experimental investigation of the compressor coupling tharacteristic of a 20K thermal-coupled two-stage high-frequency pulse tube cryocooler Speaker J1Po1B-03: A high frequency lightweight coaxial pulse tube cryocooler operating t 70 K Speaker Bo Tian C1Po1B-03: Influence of the structure of multi-bypass configuration regenerator on the performance of Pulse Tube Cryocooler Speaker Bo Tian C1Po1B-03: Influence of the structure of multi-bypass configuration regenerator on the performance of Pulse Tube Cryocooler Speaker Bo Tian C1Po1B-03: Influence of the structure of multi-bypass configuration regenerator on the performance of Pulse Tube Cryocooler Speaker Bo Tian C1Po1B-03: Influence of the structure of multi-bypass configuration regenerator on the performance of Pulse Tube Cryoco	
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C1Po1B-02: 1 W@28.2 K micro single-stage coaxial pulse tube cryocooler operating at 52 Hz using precooling

Speaker

Dr Chenglong Liu

11:00