

Session Program

18-22 May 2025



CEC/ICMC 2025 Abstracts & Technical Program ***C30r3C - Aerospace Cryocoolers III: Pulse Tube and Stirling II***

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

Wednesday 21 May

14:00

C3Or3C - Aerospace Cryocoolers III: Pulse Tube and Stirling II

Session | Location: Capri 4

14:00-14:15

C3Or3C-01: Characterization testing of the Thales LSF9589 cryocooler

Speaker

Bradley Moore

14:15-14:30

C3Or3C-02: ABI life test cryocooler system 2025 update

Speaker

Harold Dzigiel

14:30-14:45

C3Or3C-03: Stationary testing of a 50 K pulse tube cryocooler designed to rotate with the shaft of a 1.4 MW electric machine

Speaker

Mr William Sixel

14:45-15:00

C3Or3C-04: Four-Stage Pulse Tube Cryocooler for NewATHENA

Speaker

Jeff Olson

15:00-15:15

C3Or3C-05: A Novel 3D Printed Regenerator Filler for Large Stirling and Pulse-Tube Cryocoolers

Speakers

Ali Ghavami, Proshat Mehdizad

15:15-15:30

C3Or3C-06: Experimental research on a highly compact miniature coaxial pulse tube cryocooler at 80 K

Speaker

Mr Zhixiang Yang

15:30-15:45

C3Or3C-07: Research on the Influence of Average Pressure on the Thermodynamic Cycle and Performance of Pulse Tube Cryocoolers

Speaker

Dr Liang MengLin

15:45