

Session Program

18-22 May 2025



CEC/ICMC 2025 Abstracts & Technical Program

C1Po1D - Sub K Helium Cycle Cryocoolers

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

Monday 19 May

09:15

C1Po1D - Sub K Helium Cycle Cryocoolers

Poster Session | Location: Exhibit Hall, Tuscany Ballroom

C1Po1D-05: Design and analysis of sub-K continuous heat exchanger for dilution refrigerators

Speaker

Prof. Dipanshu Bansal

C1Po1D-04: Design and performance evaluation of a closed-cycle ^3He sorption cooler

Speakers

Juan Wang, Xiang Fan

C1Po1D-03: Simulation and experimental study of ultra-low temperature heat transfer characteristics of continuous heat exchangers in the dilution refrigerator

Speaker

Zijie Pan

C1Po1D-02: Design and experiments of 1 K superfluid ^4He system for precooling the ultra-low temperature refrigerators

Speakers

Zijie Pan, Lingjiao Wei, Jiarun Zou

C1Po1D-01: Research on an efficient Joule-Thomson throttling refrigeration system based on cold compression cycle

Speaker

Yuefeng Niu

C1Po1D-06: Development of a heat exchanger with distributed Joule-Thomson effect for a closed-cycle cryocooler

Speaker

Dr Takeshi Shimazaki

11:00