

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Thu-Af-Po.10 - Cryostats and Cryogenics I

Omni Boston Hotel at the Seaport
450 Summer Street Boston, MA 02210

Thursday 3 July

14:00

Thu-Af-Po.10 - Cryostats and Cryogenics I

Poster Session | **Location:** Ensemble Ballroom, Level 2 | **Conveners:** Harshita Singh, Arno Godeke

Thu-Af-Po.10-08: A 30K/4K Closed-Cycle Cryogenic Helium Circulation System for Superconducting Magnets

Speaker

Dr Tao Zhang

Thu-Af-Po.10-07: Cooling Design and Thermal Analysis for Thermal Shields of a Cryocooler-cooled Superconducting ECR Ion Source MARS-D Magnet

Speakers

Lianrong Xu, Li Wang

Thu-Af-Po.10-05: Study on the optimization of MLI stacking density in the limited gap of superconducting rotating machinery

Speaker

Yubin Kim

Thu-Af-Po.10-04: Progress on the cryogenic system of the EDIPO2 magnet

Speaker

Thomas Nes

Thu-Af-Po.10-03: [Invited] Towards a reduced Helium content cryogenic cooling scheme at 4.5 K for CERN's FCC-hh accelerator

Speaker

Dr Patricia Tavares Coutinho Borges De Sousa

Thu-Af-Po.10-02: Status on the design and manufacturing progress of the Cryostat for Magnet Cold Test Bench at ITER

Speaker

Mohit Jadon

Thu-Af-Po.10-01: Preliminary study of a cryogen-free cryostat for a low-temperature superconducting magnet

Speaker

Hui-Huang Chen

Thu-Af-Po.10-06: Development of a novel high-capacity, high-efficiency and high-reliability cryogenic system for high-Tc superconducting magnets used in the controlled nuclear fusion system

Speaker

Prof. Haizheng Dang

16:00