

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Sat-Mo-Po.07 - HTS Magnets

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

Saturday 5 July

09:30

Sat-Mo-Po.07 - HTS Magnets

Poster Session | **Location:** Ensemble Ballroom, Level 2

Sat-Mo-Po.07-01: Design of a Bi-2212 dipole insert for a high field hybrid magnet

Speaker

Laura Garcia Fajardo

Sat-Mo-Po.07-02: Thermo-mechanical design of a ReBCO upgrade for normal conducting beam line magnets

Speaker

Dr Tiemo Winkler

Sat-Mo-Po.07-03: Thermal Performance of a Conduction-Cooled ReBCO Magnet: Cyclic Cool-Down, Conduction Cooling Design, and Thermal Gradient Studies

Speaker

Tushar Garg

Sat-Mo-Po.07-04: HTS superferric combined function magnet for the FCC-ee project

Speaker

Simone Busatto

Sat-Mo-Po.07-05: Thermal properties of Block-type dipole superconducting magnets wound using REBCO cables with defects and specified thermal and electrical interface properties

Speaker

Milan Majoros

Sat-Mo-Po.07-06: Double Aperture HTS Dipole Magnet Model for the Persistent Current Operation

Speakers

Daniele Turrioni, Vladimir Kashikhin

Sat-Mo-Po.07-08: Design and prototyping of CORC CCT inserts for testing in background dipole fields

Speaker

Lucas Brouwer

Sat-Mo-Po.07-07: Study of Shielding Current Characteristics in High-Temperature Superconducting Dipole Magnets

Speaker

Prof. Wenjie Yang

11:15