

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Sat-Mo-Po.04 - Protection and Stability

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

Saturday 5 July

09:30

Sat-Mo-Po.04 - Protection and Stability

Poster Session | **Location:** Ensemble Ballroom, Level 2 | **Conveners:** Trevor Miller, Darren Woulfe

Sat-Mo-Po.04-01: Optimization of the Angle Between the Magnetic Field and the Tape Surface for Pancake Coils

Speaker

Egemen Kolemen

Sat-Mo-Po.04-02: Consolidation of the superconducting circuits energy extraction systems at the Large Hadron Collider

Speaker

Dr Mirko Pojer

Sat-Mo-Po.04-03: Thermal/electrical characteristics of ice-impregnated coils enhanced with ethanol and Zylon filler

Speaker

Ki Hong Kim

Sat-Mo-Po.04-04: Effect of the type of solder flux on high-temperature superconductor tape under time-varying conditions

Speaker

Younghoon Kim

Sat-Mo-Po.04-07: Design and performance evaluation of a 9.0 T frameless conduction-cooled superconducting magnet

Speaker

Zhiwen Cheng

Sat-Mo-Po.04-05: Research on key technologies of quench detection for CFETR TF prototype coil

Speaker

Dr Teng Wang

Sat-Mo-Po.04-06: Stability and quench development in HTS windings: challenges and possible solutions

Speaker

Vitaly Vysotsky

11:15