

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Fri-Af-Po.02 - Quench Detection and Protection III

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

Friday 4 July

14:00

Fri-Af-Po.02 - Quench Detection and Protection III

Poster Session | **Location:** Ensemble Ballroom, Level 2 | **Conveners:** Kwangmin Kim, Seojeong Kim

Fri-Af-Po.02-03: Quench simulation and validation for EIC direct wind magnets

Speaker

Ye Bai

Fri-Af-Po.02-04: Progress on the quench analysis of the EDIPO2 magnet

Speaker

Thomas Nes

Fri-Af-Po.02-05: Long-term reliability evaluation of high voltage signal conditioners for ITER superconducting magnets during plasma operation in the KSTAR Tokamak

Speaker

Jinsub Kim

Fri-Af-Po.02-06: Quench Protection in HTS Insulated Conductors : Design Optimization and Detection Strategies

Speaker

Hajar Zgour

Fri-Af-Po.02-07: The D0 prototype HTS conductor: Advancing Quench Detection for High-Temperature Superconducting Magnets for SupraFusion

Speaker

Dr Clément Genot

Fri-Af-Po.02-08: Study on quench behavior of HTS REBCO stacked tape cable for space solar power station

Speaker

Yutong Fu

Fri-Af-Po.02-10: Investigation of near-symmetrical quench current decay in NI-like coils with current path design by PEC

Speaker

Dr Wooseung Lee

Fri-Af-Po.02-01: Enhanced Quench Stability of Coils Employing Defect-Tolerant REBCO Conductors

Speaker

Dr Jian Rong

Fri-Af-Po.02-02: Experimental studies on quench detection of stacked ReBCO tapes using FBGs

Speaker

Hui Yu

16:00

Fri-Af-Po.02-09: Local hot-spot quench test and analysis on parallel-wound no-insulation high temperature superconductor coil for a single silicon crystal growth system

Speaker
Yutong Fu