

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Thu-Mo-Spec1 - [Special Session] Quench Protection for Large Stored-energy REBCO Magnets

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

Thursday 3 July

10:45

Thu-Mo-Spec1 - [Special Session] Quench Protection for Large Stored-energy REBCO Magnets

Session | **Location:** Momentum D | **Conveners:** Giorgio Ambrosio, Prof. Naoyuki Amemiya

10:45–11:05

Thu-Mo-Spec1-01: [Invited] Quench Protection for Large Stored-energy REBCO Magnets

Speaker

Prof. Seungyong Hahn

11:05–11:25

Thu-Mo-Spec1-02: [Invited] Quench protection of large-stored-energy REBCO magnets

Speaker

Dr Andrew V. Gavrilin

11:25–11:45

Thu-Mo-Spec1-03: [Invited] A review of the tools for quench simulation and protection for large REBCO coils

Speaker

Riva Nicolo

11:45–11:55

Thu-Mo-Spec1-04: [Invited] Exploring the limits of passive quench protection in high-stored-energy non-insulated superconducting magnets

Speaker

Daniel Korsun

11:55–12:10

Thu-Mo-Spec1-05: [Invited] Protection concepts and simulation tools for REBCO magnets

Speaker

Erik Schnaubelt

12:10–12:30

Thu-Mo-Spec1-06: [Invited] Quench detection and localization techniques for high-temperature superconductor accelerator magnets

Speakers

Maria Baldini, Maxim Marchevsky

12:30–12:45

Discussion

12:45