Session Program

Jul 1 – 6, 2025

MT29 Abstracts and Technical Program

Plenary 1: Young Scientist Plenary - brought to you by Friends of Victor Keilin and Friends of Alex Shikov

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

Sun, July 6

10:30 AM

Plenary 1: Young Scientist Plenary - brought to you by Friends of Victor Keilin and Friends of Alex Shikov

Session | **Location:** Momentum Ballroom, Level 5 | **Conveners:** Jaap Kosse, Marco Breschi

10:30 – 10:40 AM

Sun-Mo-PL1-01: The role of high temperature superconductors for a 10 TeV muon collider

Speaker
Samuele Mariotto

10:40 – 10:50 AM

Sun-Mo-PL1-02: Towards 20 T Hybrid Magnets: Perspectives and Challenges

Speaker
Marika D'Addazio

10:50 – 11:00 AM

Sun-Mo-PL1-03: Magnetic levitation systems with HTS 2G tapes: the newest developments and future perspectives

Speaker
Bárbara Maria Oliveira Santos

11:00 – 11:10 AM

Sun-Mo-PL1-04: Cryogenic motors for aircraft propulsion

Speaker
Joshua Feldman

11:10 – 11:20 AM

Sun-Mo-PL1-05: High temperature superconducting technology for fast ramping particles therapy magnets: an efficient and sustainable solution for future tumor treatment?

Speaker
Rebecca Riccioli

11:20 – 11:30 AM

Sun-Mo-PL1-06: Design and Analysis of a Modular Pipe Cryogenic Cooling System for a 20 MW LTS Wind Generator

Speaker
Zhidong Shen

11:30 AM