

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Wed-Af-Or1 - HTS and Hybrid Magnets for Accelerators

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

Wednesday 2 July

16:30

Wed-Af-Or1 - HTS and Hybrid Magnets for Accelerators

Session | **Location:** Momentum ABC | **Conveners:** Luisa Chiesa, Dr Mattia Ortino

16:30-16:45

Wed-Af-Or1-01: Fabrication and test results of a canted $\cos\theta$ dipole magnet using high-temperature superconducting CORC® wires

Speaker

Yufan Yan

16:45-17:00

Wed-Af-Or1-02: Development of a second COMB dipole magnet with STAR® wires

Speaker

Dr Vadim Kashikhin

17:00-17:15

Wed-Af-Or1-03: Metal as Insulation REBCO racetracks coils: development, fabrication, and cryogenics testing at CEA Paris-Saclay

Speaker

Dr Thibault Lécresse

17:15-17:30

Wed-Af-Or1-04: Test results and performance characterization of a Nb₃Sn and Bi-2212 canted-cosine-theta hybrid dipole magnet

Speaker

Diego Arbelaez

17:30-17:45

Wed-Af-Or1-05: Development of HTS magnets based on the Uni-Layer concept.

Speaker

Anjana Saravanan

17:45-18:00

Wed-Af-Or1-06: Exploring hybrid designs for a 14 T common coil demonstrator magnet (DAISY)

Speaker

Dr Fernando Toral

18:00-18:15

Wed-Af-Or1-08: Design and Test of a 5-T / 34-mm REBCO Dipole Magnet Insert for a 15-T Full-Service-Field Testing Facility

Speaker

Prof. Timing Qu

18:15