

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Thu-Af-Po.03 - Rotating Machinery III

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

Thursday 3 July

14:00

Thu-Af-Po.03 - Rotating Machinery III

Poster Session | **Location:** Ensemble Ballroom, Level 2 | **Conveners:** Hayato Nezuka, Erik Schnaubelt

Thu-Af-Po.03-09: Scaling Study of Superconducting Rotors with Spoke Torque Tubes

Speaker

Dr Jianqiao Xiao

Thu-Af-Po.03-08: Design, fabrication, and operation of proto-type miniature cylindrical YBCO bulk induction motor for cryogen pump

Speaker

Jaheum Koo

Thu-Af-Po.03-07: Design and Analysis of a 10 kW-Class Axial-Flux Permanent Magnet Motor for Electric Propulsion Systems

Speaker

Mr Wooyoung Choi

Thu-Af-Po.03-05: Design, fabrication, and operation of a nested cryogenic high purity aluminum winding armature for a partially superconducting motor

Speaker

JuKyung Cha

Thu-Af-Po.03-04: Structural optimization and performance testing of a racetrack coil for a 50 Mvar superconducting synchronous condenser

Speaker

Jiahui Zhu

Thu-Af-Po.03-01: Thermal and mechanical design of superconducting field coil modules for offshore wind generators

Speaker

Dr Anbo Wu

Thu-Af-Po.03-03: High-Temperature Superconducting Motors: A 2.5D Design Approach and Comparative Analysis of Axial and Radial Flux Topologies

Speaker

Dr Yuwei Liu

16:00