

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Fri-Af-Po.09 - Rotating Machinery IV

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

Friday 4 July

14:00

Fri-Af-Po.09 - Rotating Machinery IV

Poster Session | Location: Ensemble Ballroom, Level 2 | Conveners: Philip Mallon, Dr Pierre Pognat

Fri-Af-Po.09-02: A new radial structure of torque tube with superior performance for high-temperature superconducting motors

Speaker

Dr Sisi Deng

Fri-Af-Po.09-03: Magnetic field coil power supply using a flywheel generator with a planetary gear and a very small capacity inverter

Speaker

Dr Shuheii Kato

Fri-Af-Po.09-04: Investigating the electromagnetic characteristic and AC loss performance of superconducting excitation magnet in homopolar inductor generator under different speed of output response

Speaker

Dr Juzhuang Yan

Fri-Af-Po.09-05: Conceptual Design of an Axial Field Machine with Stacked Superconductors

Speaker

Haigening Wei

Fri-Af-Po.09-06: Shielding for trapped field stacks against cross field demagnetisation in a superconducting machine

Speaker

Qi Wang

Fri-Af-Po.09-01: Investigation of Key Design Parameters and No-Insulation HTS Field Coil Behaviors in High-Speed Homopolar Motors

Speaker

EunSeok Yang

16:00