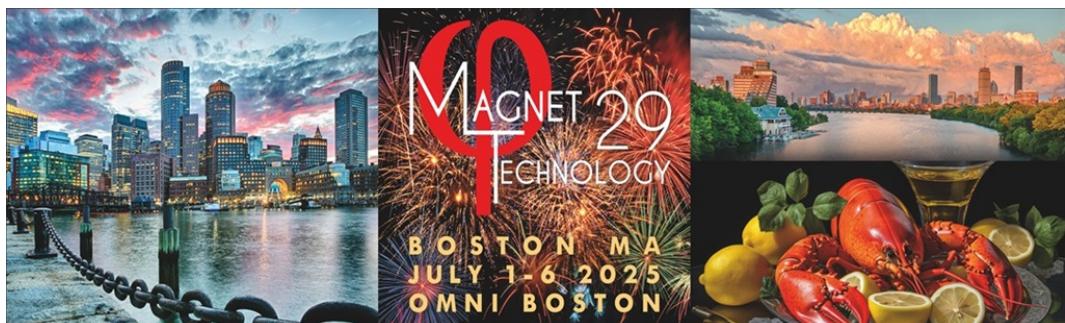


## Session Program

1-6 Jul 2025



## MT29 Abstracts and Technical Program

### ***Wed-Mo-Po.06 - Rotating Machinery I***

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

## Wednesday 2 July

09:15

### Wed-Mo-Po.06 - Rotating Machinery I

Poster Session | Location: Ensemble Ballroom, Level 2 | Conveners: William Marshall, Nikkie Deelen

#### Wed-Mo-Po.06-08: A New Rotor Permanent Magnet Flux-Switching Motor With V-shaped Magnetic Poles

**Speaker**

Longxiang Han

#### Wed-Mo-Po.06-02: Dynamic AC loss and thermal analysis of high-temperature superconducting rotors in synchronous condensers

**Speaker**

Mr Xin Chen

#### Wed-Mo-Po.06-01: Evaluation of Current Distributions in Superconducting Armature Coils with Transposed Three Parallel Conductors under Rotating Magnetic Field

**Speaker**

Goki Kawasaki

#### Wed-Mo-Po.06-09: Optimal Design of Heat Pipes and Heat Sinks for Thermal Management of Permanent Magnets in PMSM

**Speaker**

Sung Hyun Yoon

#### Wed-Mo-Po.06-07: An Eccentric Pole Coaxial Magnetic Gear With Spoke Structure and Asymmetric Halbach Array

**Speaker**

Mingji Yin

#### Wed-Mo-Po.06-06: A study on Performance Improvement of Axial Flux Motor Through Halbach Array and Same Direction Skew

**Speaker**

Mr Jong-Hyun Kim

#### Wed-Mo-Po.06-05: Study on the offset force reduction structure of integral magnetic bearing

**Speaker**

Mr Jong-Hyun Kim

#### Wed-Mo-Po.06-04: A Study on the design of industrial servo motor using anisotropic bonded magnets

**Speaker**

Dr Jae-Kwang Lee

#### Wed-Mo-Po.06-03: Torque Improvement of a Partitioned Stator Flux Switching Permanent Magnet Machine With Flux Reversal Effect

**Speaker**

Zeyu Min

11:15