

Session Program

22-27 Sept 2019



MT 26
International Conference
on Magnet Technology
Vancouver, Canada | 2019

MT26 Abstracts, Timetable and Presentations

Tue-Mo-Po2.11 - Motors V

Hyatt Regency Hotel Vancouver
655 Burrard Street Vancouver, British Columbia, V6C 2R7 Canada

Tuesday 24 September

08:45

Tue-Mo-Po2.11 - Motors V

Poster Session | **Location:** Level 3 Posters | **Conveners:** Dr Alessandro Anemona, Vitaly Vysotsky

Tue-Mo-Po2.11-01 [88]: Design and Analysis of an HTS Synchronous Motor with a Hybrid Magnets Rotor

Speaker

Dr Zhen Huang

Tue-Mo-Po2.11-02 [89]: Evaluation of Mechanical Properties of an On-board 2G HTS Magnet System for Maglev Applications

Speaker

Fangliang Dong

Tue-Mo-Po2.11-03 [90]: Dynamic Characteristics Analysis Considering Instantaneous Inductance According to Mover Position of Flat-type Permanent Magnet Linear Oscillating Machines

Speaker

Chang-Woo Kim

Tue-Mo-Po2.11-04 [91]: Experimental Verification and Analytical Study of Influence of Rotor Eccentricity on Electromagnetic Characteristics of Permanent Magnet Motor

Speaker

Hoon Ki Lee

Tue-Mo-Po2.11-06 [92]: Research on a High Torque Density Outer Rotor Flux-Modulated Machine with Sandwiched-Permanent-Magnet Topology

Speaker

Dr Zixuan Xiang

Tue-Mo-Po2.11-07 [93]: Comparative research for a novel dual stator synchronous machine with permanent magnet-reluctance composite rotor

Speaker

Fengge Zhang

Tue-Mo-Po2.11-08 [94]: Experiments and Comparative Study of Rotor Vibration of Permanent Magnet Machines with Two Different Fractional pole/slot combinations

Speaker

Tae-Kyoung Bang

Tue-Mo-Po2.11-09 [95]: Unbalanced magnetic force and vibration analysis of dual mechanical port flux switching PM machine considering rotor eccentricity

Speaker

Mr Yifeng Hua

Tue-Mo-Po2.11-10 [96]: Cogging Force Reduction of Tubular Flux Switching Permanent Magnet Motor by Using Unsymmetrical Design Method

Speaker

Dr Chengcheng Liu

Tue-Mo-Po2.11-11 [97]: Investigation of High Temperature Superconducting Flux-Switching Motors with Different Secondary Structures

Speakers

Ruiwu Cao, Mr Lu Minghang

Tue-Mo-Po2.11-12 [98]: A Study on the Shape Design of a Magnetic-Geared Synchronous Motor for Improvement of Performance and Securing Rigidity

Speakers

Hyungkwan Jang, Hyunwoo Kim

10:45