Session Program

22–27 Sept 2019

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

MT26 Abstracts, Timetable and Presentations

Mon-Mo-Po1.07 - Motors II

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

Monday 23 September

09:15

Mon-Mo-Po1.07 - Motors II

Poster Session | **Location:** Level 2 Posters 2 | **Conveners:** Qiuliang Wang, Prof. Naoyuki Amemiya

Mon-Mo-Po1.07-07 [82]: Stator MMF Equation of Three-phase Motor Considering Sub-Harmonics for Analyzing Electromagnetic Vibration

Speaker
Won-Ho Kim

Mon-Mo-Po1.07-08 [83]: Study on the Design Process of the Spoke Type Permanent Magnet Synchronous Motor Considering Magnetization Performance

Speaker
Sung Gu Lee

Mon-Mo-Po1.07-09 [84]: Design of SMC core in Axial-Flux Motor with 3D Printing

Speakers
Mr Hyun-Jo Pyo, Prof. Sung Gu Lee, Dr Suyeon Cho, Mr Hyung-Sik Kong, Mr Min-Jae Jeong, Mr Dong-Woo Nam, Prof. Won-Ho Kim

Mon-Mo-Po1.07-10 [85]: Optimized design of segmented magnet considering demagnetization and vibration analysis of IPMSG for ISG

Speaker
Byungchan Kim

Mon-Mo-Po1.07-11 [86]: Analysis of Characteristics of Permanent Magnet Synchronous Machines with Novel Topology of Fractional-Slot Concentrated Winding

Speaker
Mr Linwei Hu

Mon-Mo-Po1.07-12 [87]: Design and Experimental Verification of Limited Angle Rotary Torque PM Motor for Control Valve with Self-Alignment Characteristic

Speaker
Gang-Hyeon Jang

Mon-Mo-Po1.07-01 [76]: Study on Analysis Method of Asymmetric Permanent Magnet Assistance Synchronous Reluctance Motor Considering Magnetic Neutral Plane Shift

Speakers
Mr Hyunwoo Kim, Mr Hyungkwan Jang

Mon-Mo-Po1.07-02 [77]: Study on Inter-turn Fault Diagnosis of the Six-Phase Interior Permanent Magnet Synchronous Motor Using d-Axis Current

Speakers
Mr Hyunwoo Kim, Mr Seungheon Lee

Mon-Mo-Po1.07-03 [78]: A Study on the effect of Eddy Current Loss and Demagnetization Characteristics by the Direction of Magnet division

Speaker
Mr Byungchan kim

Mon-Mo-Po1.07-04 [79]: The Study on the rotor design for LSPMSM considering the Starting Torque and Magnetic Saturation

Speaker
Won-Ho Kim

Mon-Mo-Po1.07-05 [80]: Superconducting stage actuation

Speaker
Dr Gudrun De Gersem

Mon-Mo-Po1.07-06 [81]: Comparison and Optimization of Permanent Magnet Assisted Synchronous Reluctance Machine

Speaker
Mr Ding Yuanbo

11:15