

MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Monday 28 August 2017

Mon-Af-Po1.04: Motors - I (13:15 - 15:00)

[id] title	presenter	board
[16] Electromagnetic Analysis on Dual-Stator Switched Reluctance Motor	CHEN, Hao	
[432] Design of Dual-Channel Switched Reluctance Motor for Safety-Critical Applications Using Two 3-Phase Standard Inverters	CHEN, Qian	
[15] Analysis of Magnetic Polarity Distribution for a Dual-rotor Switched Reluctance Machine	CHEN, Hao	
[17] Analytical Polynomial Models of Nonlinear Magnetic Flux Linkage for Switched Reluctance Motor	CHEN, Hao	
[1095] A Synthetic Frozen Permeability Method to Separate PM torque in Hybrid Permanent Magnet Variable-Flux Machine	Ms GE, Meng	
[793] A study on the control method of lateral displacement and yaw angle in severely curved driving of IRWs system	JOO, Kyoung-Jin Mr LEE, Gang Seok	
[1098] High Efficiency Permanent Magnet Linear Synchronous Motor	Prof. LI, Jian	
[830] Design method of an ultra-high speed PM Motor/Generator for Electric-Turbo Compounding System	LIM, JONGSUK Mr LEE, Gang Seok	
[307] Estimation of Permanent Magnet Temperature using d-axis Current for IPMSM	JIN, Chang-Sung	
[786] Design and Initial Results of a Novel in-situ A.C. loss Measurement in Axial Flux Synchronous Machine	Mr PATEL, Jay	
[14] A transverse flux single-phase tubular switched reluctance linear motor	CHEN, Hao	
[773] Electromagnetic Performances and Noise Analysis of IPMSM according to the Control Method under Flux-Weakening Region	Mr LEE, Tae-Yong	
[306] Proposed Commutation Method for Performance Improvement of Brushless DC Motor	JIN, Chang-Sung	
[293] Optimization of the Pole Piece in Coaxial Magnetic Gears for Transfer Torque Ripple Improvement	Dr KIM, Sung-Jin	
[491] Numerical Analysis and Design of SPM Type Variable Flux Memory Motor Considering Magnetization and Demagnetization Characteristic of Permanent Magnet	KIM, Jin-Seok	
[421] Design principle of WFSM for Electric Vehicle based magnetic-thermal equivalent circuit	LEE, Jae-Kwang	
[807] Design of Vernier Motor considering Irreversible Demagnetization in Permanent Magnet	LEE, Tae-Yong	
[13] Flux Characteristics Analysis of a Single-phase Tubular Switched Reluctance Linear Motor	CHEN, Hao	
[489] 3D Electromagnetic Design and Analysis of a 1-HP-Class HTS Rotating Machine integrated with a Contactless HTS Excitation Device	Mr KIM, Ji Hyung	

[835] A Multi-Phase Doubly-Fed Doubly-Salient HTS Linear Motor for Vertical Transportation	Mr LI, Rui	
[790] A study on the individual control method comparing the lateral displacement control of front wheel and rear wheel of IRWs system	JOO, Kyoung-Jin Mr LEE, Gang Seok	
[764] A Study on the Position Signal Compensation Control Technique of Hall Sensor Generated by Uneven Magnetic Flux Density	LIM, JONGSUK	
[784] Design and Analysis of A Novel Modular-Stator Tubular Vernier Permanent-Magnet Machine	Ms YAO, Tian	
[283] Effect of Multi-phase Winding on Surface Permanent-Magnet Machine with Low Space Harmonics for Electric Steering Gear	Dr ZHENG, Junqiang	
[770] SynRM Rib optimal Design method for High-Power Density	Mr LEE, Jae-Kwang	