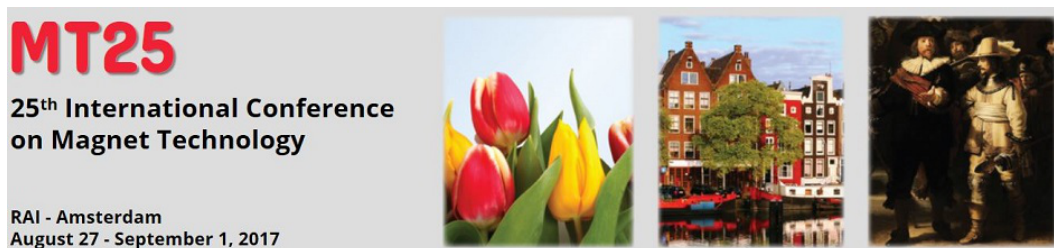


Session Program

27 August 2017 to 1 September 2017



MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Mon-Af-Po1.04

RAI Congress Center, Amsterdam, The Netherlands

Monday 28 August

13:15

Mon-Af-Po1.04: Motors - I

Poster Session | Location: Posters Area

High Efficiency Permanent Magnet Linear Synchronous Motor

Speaker

Prof. Jian Li

A Synthetic Frozen Permeability Method to Separate PM torque in Hybrid Permanent Magnet Variable-Flux Machine

Speaker

Ms Meng Ge

A Multi-Phase Doubly-Fed Doubly-Salient HTS Linear Motor for Vertical Transportation

Speaker

Mr Rui Li

Design method of an ultra-high speed PM Motor/Generator for Electric-Turbo Compounding System

Speakers

JONGSUK LIM, Mr Gang Seok Lee

Design of Vernier Motor considering Irreversible Demagnetization in Permanent Magnet

Speaker

Tae-Yong Lee

A study on the control method of lateral displacement and yaw angle in severely curved driving of IRWs system

Speakers

Kyoung-Jin Joo, Mr Gang Seok Lee

A study on the individual control method comparing the lateral displacement control of front wheel and rear wheel of IRWs system

Speakers

Kyoung-Jin Joo, Mr Gang Seok Lee

Design and Initial Results of a Novel in-situ A.C. loss Measurement in Axial Flux Synchronous Machine

Speaker

Mr Jay Patel

Design and Analysis of A Novel Modular-Stator Tubular Vernier Permanent-Magnet Machine

Speaker

Ms Tian Yao

Electromagnetic Performances and Noise Analysis of IPMSM according to the Control Method under Flux-Weakening Region

Speaker Mr Tae-Yong Lee
SynRM Rib optimal Design method for High-Power Density Speaker Mr Jae-Kwang Lee
A Study on the Position Signal Compensation Control Technique of Hall Sensor Generated by Uneven Magnetic Flux Density Speaker JONGSUK LIM
Flux Characteristics Analysis of a Single-phase Tubular Switched Reluctance Linear Motor Speaker Hao Chen
A transverse flux single-phase tubular switched reluctance linear motor Speaker Hao Chen
Analysis of Magnetic Polarity Distribution for a Dual-rotor Switched Reluctance Machine Speaker Hao Chen
Electromagnetic Analysis on Dual-Stator Switched Reluctance Motor Speaker Hao Chen
Analytical Polynomial Models of Nonlinear Magnetic Flux Linkage for Switched Reluctance Motor Speaker Hao Chen
Effect of Multi-phase Winding on Surface Permanent-Magnet Machine with Low Space Harmonics for Electric Steering Gear Speaker Dr Junqiang Zheng
Optimization of the Pole Piece in Coaxial Magnetic Gears for Transfer Torque Ripple Improvement Speaker Dr Sung-Jin Kim
Proposed Commutation Method for Performance Improvement of Brushless DC Motor Speaker Chang-Sung Jin
Estimation of Permanent Magnet Temperature using d-axis Current for IPMSM Speaker Chang-Sung Jin

Design principle of WFSM for Electric Vehicle based magnetic-thermal equivalent circuit**Speaker**

Jae-Kwang Lee

Design of Dual-Channel Switched Reluctance Motor for Safety-Critical Applications Using Two 3-Phase Standard Inverters**Speaker**

Qian Chen

3D Electromagnetic Design and Analysis of a 1-HP-Class HTS Rotating Machine integrated with a Contactless HTS Excitation Device**Speaker**

Mr Ji Hyung Kim

Numerical Analysis and Design of SPM Type Variable Flux Memory Motor Considering Magnetization and Demagnetization Characteristic of Permanent Magnet**Speaker**

Jin-Seok Kim

15:00