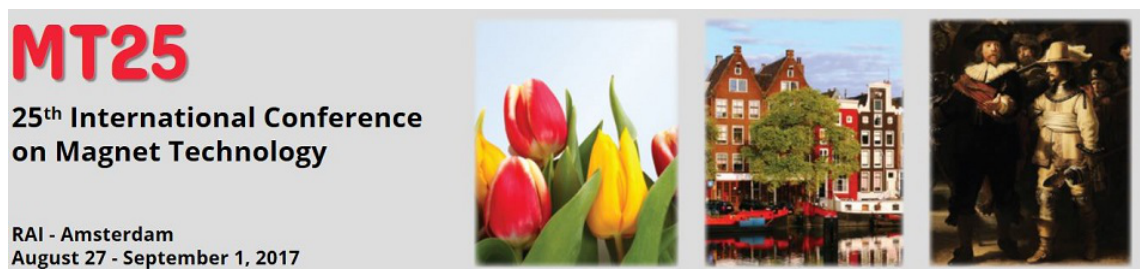


Session Program

27 August 2017 to 1 September 2017



MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Thu-Af-Po4.05

RAI Congress Center, Amsterdam, The Netherlands

Thursday 31 August

13:45

Thu-Af-Po4.05: Motors - IV

Poster Session | **Location:** Posters Area

A Novel Partitioned Stator Flux-Reversal Memory Machine

Speaker

Mr Jiaming Jiang

A Multi-Tooth Axial Field Flux-Switching Hybrid Excitation Machine

Speaker

Dr Li Hao

A Spoke-Type PM Vernier Machine with Multi Working Harmonics and Enhanced Flux Modulation Effect

Speaker

Mr Tianjie Zou

Analysis of the Nonlinear Characteristics of Magnetic Circuit in a Balanced Armature Receiver

Speaker

Ms Dan-Ping Xu

Comparative Analysis of Electromagnetic Characteristics for HTS Motor Considering PWM Schemes in Voltage Source Inverter

Speaker

Min Hyeok Kang

HEV Motor Comparison of IPMSM with Sintered Rare-Earth Magnet and Bonded Dy Free Injection Magnet in the Same Size

Speaker

Mr Yo Han Hwang

Study on Design of a Novel Magnetic Field Modulation Linear Primary Permanent Magnet Synchronous Motor

Speaker

Mr Guangwei Liu

Structural Design Methodology of BLDC Motor Considering Response Time of Phase Current

Speaker

Wonseok Han

Stress Analysis of Induction Motor Core Considering Anisotropic Magnetic and Magnetostrictive Properties

Speaker

Ms Tong Ben

Optimal desing of PMA-synRM for electric propulsion system considering wide operation range and demagnetization

Speaker

Gyeong Jae Park

Investigation of SMPM Motor with Segmented Eccentric Magnet Pole**Speaker**

Dr Libing Jing

Influence of Stator Structure on the Static Characteristics in Axial Field Flux Switching Permanent Magnet Machine**Speaker**

Li Hao

A Study on the Auto-MTPT Algorithm to Make the Speed-based Current-map of IPMSM for Traction of Inwheel**Speaker**

Mr Yo Han Hwang

Research on demagnetization-resistant structure of synchronous motor performance using Nd-permanent magnets reduced heavy rare earth metals**Speaker**

Dong-woo Kang

Methodology of Incorporating Mechanical and Electromagnetic Characteristics Analysis for Separated Pole-Piece Type Ferrite Magnet Motor**Speaker**

Prof. Won-Ho Kim

Direct Control of Bearingless Permanent Magnet Slice Motor Based on Flux Linkage Observer Using Phase-locked Loop**Speaker**

Yuemei Qin

Analysis of Magnetic Stiffness in a Balanced Armature Receiver Considering the Effects of Soft Magnetic Material Saturation**Speaker**

Ms Dan-Ping Xu

Improvement of Reluctance Torque in Fault-Tolerant Permanent-Magnet Machines with Fractional-slot Concentrated-Windings**Speaker**

Mrs Xinxing Zhang

Analytical approach to maximize the torque density with size constraints for PMSM**Speaker**

KIDOEK LEE

Design of a Non Rare Earth Spoke Type Permananet Magnet Motor for Considering Magnetization after Assembly**Speaker**

Mr Jae-Kwang Lee

Characteristic Analysis of Permanent Magnet Synchronous Machine Considering Combination of Time Harmonics

Speaker

Mr Gyeong-Jae Park

Sensorless Control of Bearingless Permanent Magnet Synchronous Motor Based on MRAS**Speaker**

Chenyin Zhao

Decoupling Control of Bearingless Permanent Magnet Synchronous Motor Using ANFIS Inverse System**Speaker**

Wei Du

Nonlinear Sensorless Control including Zero Speed of Permanent Magnet Synchronous Motor Drives**Speaker**

Kyoung-Jin Joo

Characteristic Analysis of Novel Outer Rotor Fan-type PMSM for Increasing Power Density**Speaker**

Sooyoung Cho

Torque Control of IPMSM considering actual controller and driving condition**Speaker**

Kyoung-Jin Joo

Starting Control Strategy of Bearingless Permanent Magnet Synchronous Motor**Speaker**

Wei Pan

Thermal limit curve calculation for squirrel cage induction motor based thermal equivalent circuit**Speaker**

Jae-Kwang Lee

The Investigation of Cogging Torque Reduction Technologies**Speaker**

Mr YC Kim

Study on Vibration Characteristics of Permanent Magnet Synchronous Motor with Demagnetization of Permanent-magnets**Speaker**

Dong-woo Kang

15:30