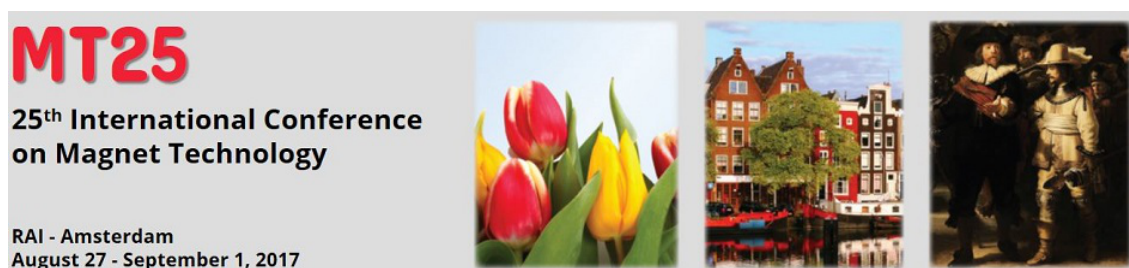


## Session Program

27 August 2017 to 1 September 2017



# MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

## *Wed-Af-Po3.05*

RAI Congress Center, Amsterdam, The Netherlands

## Wednesday 30 August

13:15

### Wed-Af-Po3.05: Motors - III

Poster Session | Location: Posters Area

#### A Superconducting Vernier Motor for Electric Ship Propulsion

**Speaker**

Dr T.W. Ching

#### Double-Stator Permanent-Magnet Vernier Linear Machine With PMs Surface-Mounted on the Mover

**Speaker**

Mr Xuhui Zhu

#### Numerical Analysis of Variable Flux Memory Motor Considering Characteristics of Permanent Magnet Load-Line

**Speaker**

Wonseok Han

#### Design and analysis of an interior permanent magnet synchronous machine with multi flux barriers based on electromagnetic-mechanical coupling method

**Speaker**

Wenye Wu

#### Design and analysis of a less-rare-earth PM-assisted synchronous reluctance machine considering tradeoffs of PM flux linkage and magnetic saliency

**Speaker**

Wenye Wu

#### Integrated Motor Propulsor Magnet Design with Hybrid Halbach Array for Torque Ripple Reduction

**Speaker**

Chang-Woo Kim

#### Electromagnetic Performance Analysis of Less-rare-earth Stator-partitioned Multi-excitation Flux-switching Machine Considering Multi-operation Conditions

**Speaker**

Ms Yunyun Chen

#### Torque Ripple Improvement for Ferrite-Assisted Synchronous Reluctance Motors by Using Asymmetric Flux-barrier Arrangement

**Speaker**

Dr Meimei Xu

#### Analytical Investigation of the On-load Electromagnetic Performance of Magnetic-Geared Permanent-Magnet Machines

**Speaker**

Kyung-Hun Shin

#### DESIGN CRITERIA FOR HIGH-SPEED PERMANENT MAGNET SYNCHRONOUS MOTORS CONSIDERING ROTOR MAGNET AND SLEEVE MATERIAL

**Speaker**  
Chang-Woo Kim

**Flux Characteristics Analysis of Single-phase Tubular Permanent Magnet Linear Motor**

**Speaker**  
Prof. Hao Chen

**Novel U-shaped Structure Switched Reluctance Machine With a Module Outer Rotor**

**Speaker**  
Hao Chen

15:00