

Session Program

27 August 2017 to 1 September 2017

MT25

25th International Conference
on Magnet Technology

RAI - Amsterdam
August 27 - September 1, 2017



MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Wed-Af-Po3.08

RAI Congress Center, Amsterdam, The Netherlands

Wednesday 30 August

13:15

Wed-Af-Po3.08: Novel Applications

Poster Session | Location: Posters Area

Design and structural analysis of induction type coilgun system

Speaker

Byeong-Soo Go

Vibration of Magnetically Controlled Saturated Reactor under AC and DC excitation

Speaker

Prof. Yan Rongge Yan Rongge

Analysis and Optimization of Adjustable Magnetic Fluid Damper in DC Magnetic Field

Speaker

Mrs Xiaorui Yang

Flow Analysis of Magnetic Fluid around a Permanent Magnet in Magnetic Fluid Damper

Speaker

Mrs Xiaorui Yang

Development of Conduction-cooled Superconducting Split Coil for Metal Melting by DC Induction Heating

Speaker

Mr Tomonori Watanabe

Embedded flexible Fe-Si-Al powder composite-film inductor for a Low Power DC-DC Converters

Speaker

Mr Jae-Woo Lim

A Study on the Power Converter Performance Comparison & Optimal design induction heating coil for IH jar

Speaker

Mr Sang-Taek Lee

Simulation of Thomson Parabola spectrometer for charged particle diagnostics in the PETAL+ project

Speaker

Mr Chhon PES

Study on Electromagnetic Force Distribution and Copper Fatigue Performance in Electromagnetic Strengthening with Axial Compression

Speaker

Li Qiu

Realization and commissioning of WAVE Neutrons a Wide Aperture Vector Magnet for Neutron scattering experiments delivered Turn Key

Speaker
Raphael Pasquet

Design, fabrication, and test of a dual-coil system for electromagnetic sheet forming

Speaker
Quanliang Cao

Capability improvement design method considering eddy current loss reduction of axial-flux permanent magnet coupling with Halbach array structure using 3-D FEM.

Speaker
Mr Gang-Hyeon Jang

Analysis of Torque Characteristics according to Gear ratio of Coaxial Magnetic Gear

Speaker
Jeong-In Lee

Measurement and Torque Calculation of Magnetic Spur Gear Based on Quasi 3-D Analytical Method

Speaker
Tae-Kyoung Bang

A Wide Aperture Superconducting Vector Magnet for photon beamlines: WAVE Photons

Speaker
Dr Arnaud Madur

15:00