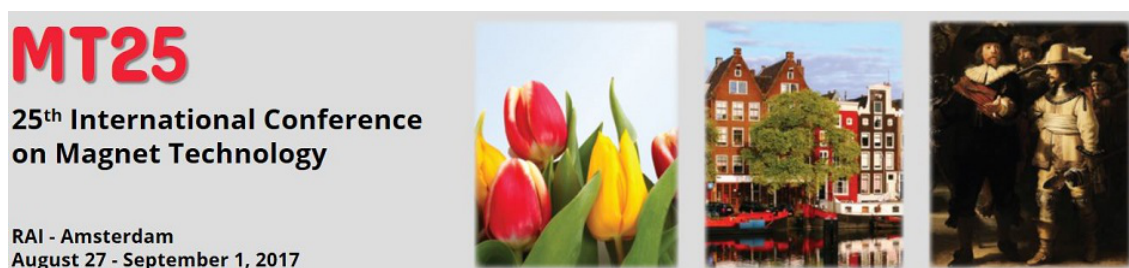


Session Program

27 August 2017 to 1 September 2017



MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Wed-Af-Po3.11

RAI Congress Center, Amsterdam, The Netherlands

Wednesday 30 August

13:15

Wed-Af-Po3.11: Stability

Poster Session | Location: Posters Area

A Study on Thermal and Electrical Stabilities of GdBCO Coils Impregnated with Epoxy Composites Using Surface-Treated Carbon Nanotube Fillers

Speaker

Ms Hyun Hee Son

Measurement of overall thermal resistance and contact thermal resistance in conduction cooled HTS magnets

Speaker

Mr Jihoon Seok

Characteristics of current bypassing and transient stability in partial insulation HTS coils

Speaker

Prof. SeokBeom Kim

Mechanical Structure for the PSI Canted-Cosine-Theta (CCT) Magnet Program

Speaker

Dr Ciro Calzolaio

2G HTS Magnet Stability Improvement via V2O3 Material and perforated HTS Wire

Speaker

Dr Hyung-Wook Kim

Thermal and Electromagnetic Simulation of Multi-stacked No-Insulation REBCO Pancake Coils on Normal-state Transition by PEEC model

Speaker

Ryosuke Miyao

Influence of high thermal conduction plastic having negative thermal expansion property on cooling performance in conduction cooled HTS coils

Speaker

Mr Tomoaki Takao

Quench energy in ITER conductors for different magnetic field perturbations with JackPot and THEA combined models

Speaker

Tommaso Bagni

YBCO pancake coil wound using an electrically non insulated tape: current sharing, stability, quench, and NZP measured at 4.2 K and 10 T

Speaker

Milan Majoros

Robust REBCO coated conductor with metal stitching stabilizer

Speaker

Dr Rock Kil Ko

A Study on Thermal and Electrical Characteristic of Metallic Cladding GdBCO Coil

Speaker

Mr Jimin Kim

Thermal Quench Characteristics of 2G HTS Race Track Field Coil with Kapton Polyimide Insulation and Smart Insulation Materials

Speaker

Mr Chang Ju Hyeon

Strand level modeling on AC loss and current distribution of prototype EU DEMO TF conductors

Speaker

Tommaso Bagni

Temperature evolution in ITER CSU2 coil module during 15MA plasma scenario

Speaker

Tommaso Bagni

Stability and Normal Zone Propagation in a conduction cooled racetrack coil wound of YBCO Coated Conductor Tape - FEM Modeling

Speaker

Milan Majoros

HTS Magnet with Smart Insulation Method

Speaker

Dr Young-Sik Jo

15:00