

## **Session Program**

**27 August 2017 to 1 September 2017**



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

### ***Thu-Af-Po4.01***

RAI Congress Center, Amsterdam, The Netherlands

# Thursday 31 August

13:45

## Thu-Af-Po4.01: Accelerator Magnets

**Poster Session** | **Location:** Posters Area

### Construction and Testing of Curved ReBCO Coils

**Speaker**

Stephen Kahn

### Prototype Design of the Dipole for EMuS at CSNS

**Speaker**

Yuan Chen

### Design, fabrication and test of a 2 T superconducting dipole prototype by using tilted solenoids

**Speaker**

Dr Yuquan Chen

### Study of a Sextupole Round Coil Superferric Magnet

**Speaker**

Samuele Mariotto

### Applied metrology in the production of superconducting model magnets for particle accelerators

**Speaker**

Jose Ferradas Troitino

### Analysis of the Training Behaviour of the MICE Spectrometer Solenoid

**Speaker**

Holger Witte

### Design of a cosine-theta dipole magnet considering influence of shielding-current-induced field on field quality

**Speaker**

Mr Yusuke Sogabe

### Conductor Cost Optimized Idealized Dipole Cross-Sections for Accelerator Applications

**Speaker**

Jeroen Van Nugteren

### A Study of Irradiation Effects on Thermal Characteristics of COMET Pion Capture Solenoid

**Speaker**

Mr Ye Yang

### Design, Assembly and Use of a Device to Eliminate Earth Faults Caused by Foreign Metallic Debris in the LHC Main Dipole Circuit

**Speaker**

Mateusz Jakub Bednarek

**Development of 7 T superconducting solenoid magnet for Electron Beam Ion Source****Speaker**

Mr Su-Hun Kim

**Fabrication and Measurement of New Inflector for g-2****Speaker**

Steve Krave

**Comparative Study of Magnetic Characteristics between Air-Core and Iron-Core High-temperature Superconducting Quadrupole Magnet****Speaker**

Mr Jeyull Lee

**A Study on the Sextupole Design with Iron Yoke inside Solenoids for 56 GHz ECR Ion Source****Speaker**

Shaoqing Wei

15:30