

## Session Program

27 August 2017 to 1 September 2017



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

## *Mon-Af-Po1.11*

RAI Congress Center, Amsterdam, The Netherlands

# Monday 28 August

13:15

## Mon-Af-Po1.11: Cryogenics for Magnet Cooling

Poster Session | Location: Posters Area

### LOW VIBRATION VAPOUR SHIELDED CRYOSTATS FOR WIDE BORE HIGH FIELD MAGNETS

**Speaker**

David Warren

### Thermal characteristics of a prototype HTS quadrupole magnet for In-flight fragment separator of RISP

**Speaker**

Mr Heecheol Park

### Cryogenic Oscillating Heat Pipe for Conduction-cooled Superconducting Magnets

**Speaker**

Qiuliang Wang

### Cooling experiment analysis of a prototype thermal siphon system for single crystal ingot growth magnet

**Speaker**

Woo Seung Lee

### Cool-down of LTS magnets by a closed loop helium gas flow

**Speaker**

Mr Francesco Dioguardi

### Operation of the helium cryogenic system for the hybrid superconducting outsert at CHMFL

**Speaker**

Junjie LI

### Liquid nitrogen level detection method for the safe operation of onboard cryostats of high-temperature superconducting maglev vehicles under vibration condition

**Speaker**

Mr Yong Zhang

### Design and Research of Cryostat for 3W1 SC Wiggler Magnet

**Speaker**

Mr Miaofu Xu

### Design and performance analysis of a cryostat for pulsed high magnetic field using a small scale helium liquefaction system

**Speaker**

Dr Mengyu Liu

### Design and construction of the magnet-cryostat for the SuperKEKB Interaction Region

**Speaker**  
Norihito Ohuchi

**Cryogen Recondensed Cooling System for Electron Beam Ion Source Employing 7 T Superconducting Solenoid Magnet**

**Speaker**  
Mr Su-Hun Kim

**CRYOGENIC TECHNOLOGIES OF THE NICA ACCELERATOR COMPLEX**

**Speaker**  
Mrs Iuliia Mitrofanova

**Development of a 1.5 Tesla whole-body MRI Magnet with a very low helium inventory**

**Speaker**  
Dr Adam Johnstone

15:00