

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