

Session Program

27 August 2017 to 1 September 2017



MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Thu-Af-Po4.04

RAI Congress Center, Amsterdam, The Netherlands

Thursday 31 August

13:45

Thu-Af-Po4.04: Magnets for MRI

Poster Session | Location: Posters Area

Investigation of Temporal Stability of a Persistent Current Mode Prototype MgB₂ Coil

Speaker

Mr Byeong-ha Yoo

Magnetic Field Stability Improvement of HTS-MRI Magnet under Power Supply Driven Operation with a Micro Current Trimming Control

Speaker

Takeshi Kawashima

Design Options of a 3-T 900-mm Whole Body MRI Magnet with Selected Commercial MgB₂ Wires

Speaker

Mr Young-Gyun Kim

The FuSuMaTech initiative: Synergy with Industry and Impact on the Future Superconducting Magnet Technology

Speaker

Dr Antoine DAEL

Estimation method of optimal amount of overshooting current for temporally uniform magnetic field in a conduction-cooled ReBCO coil for MRI applications

Speaker

Mr Hideaki MIURA

Design and development of conduction cooled MgB₂ magnets for 1.5 and 3.0T full body MRI systems

Speaker

Michael Tomsic

FEM Modelling Studies of 3 T Cryogen Free MRI Magnet based on MgB₂ conductor

Speaker

Milan Majoros

The trapped magnetic field of a joint-less second-generation high temperature superconducting coil.

Speaker

Yali Zheng

Auxiliary equipment commissioning of the 11.7 T MRI Iselt magnet

Speaker

Hervé Lannou

Performance test of 1.5 T cryogen free orthopedic MRI magnet

Speaker
Valeriy Lysenko

Walk-Through MRI: Affordable Technology for Well-Patient Cancer Screening

Speaker
Peter McIntyre

ENLARGED BORE 11.74T MAGNET FOR BRAIN RESEARCH APPLICATION

Speaker
Gabriella Norcia

A Tabletop Liquid-Helium-Free, Persistent-Mode 1.5-T/70-mm MgB₂ Osteoporosis MRI: Two Magnet Design Options

Speaker
Dongkeun Park

15:30