

Session Program

Nov 15 - 19, 2021



MT27, 27th International Conference on Magnet Technology

THU-PO3-405 Magnets for NMR

Fukuoka Convention Center

Thu, November 18

10:00 AM

THU-PO3-405 Magnets for NMR

Poster Session | Location: Fukuoka Convention Center

A Validation Study of Updated Features in a New 835-MHz REBCO Insert Coil for the MIT 1.3-GHz NMR Magnet

Speaker

Juan Bascuñán

Persistent Current Switch with Diode Protection and Superconducting Joint for a 5 T NbTi NMR Magnet

Speaker

Mr Hyun Sung Noh

Magnetic field distribution on a 400 MHz all-REBCO at 20mm DSV and multi-layered ferromagnetic shimming

Speaker

Hongmin Yang

First NMR Signal Detection on Single-sided Magnetic Pole Surface Containing HTS Bulk Magnet Activated by Pulsed Field

Speaker

Mr Sho Kikuchi

Analysis of electromagnetic characteristics of a novel no-insulation HTS coil with stainless steel tape wrapped around the outer layer of the coil

Speakers

Kangshuai Wang, Qiuliang Wang

Design, fabrication and test of a 300MHz conduction-cooled NMR superconducting magnet

Speakers

Yaohui Wang, Prof. Qiuliang Wang

A method to reduce the influence of manufacturing error on magnetic field homogeneity in NMR magnets

Speakers

Benzhe Zhou, Prof. Qiuliang Wang

12:00 PM