

MT27, 27th International Conference on Magnet Technology

Thursday 18 November 2021

THU-OR4-704 Stability and Quench (16:00 - 18:00)

-Conveners: Naoki HIRANO; arnaud badel

time	[id] title	presenter
16:00	[387] An HTS Model Magnet for MRI Systems Equipped with Electrically Conductive Epoxy Resin Used in Quench Protection	Dr IWAI, Sadanori
16:15	[1024] Transient Electro-Magnetic and Thermal Simulation of HTS Non-Insulated Coils	Dr VAN NUGTEREN, Jeroen
16:30	[402] Experimental analysis of quench behavior in a Cable-In-Conduit-Conductor cooled by stagnant superfluid helium	DURAÑONA, Unai
16:45	[350] Quench protection study of a large scale REBCO magnet with additional copper tapes	Mr MUTO, Shogo
17:00	[377] Probability of premature quenching of HTS coil due to local reduction of critical current	GÖMÖRY, Fedor
17:15	[678] Ultrasonic Waveguides for Quench Detection in HTS Magnets	MARCHEVSKY, Maxim
17:30	[547] Optical fiber based quench detection in HTS applications using feature extraction on response signal	AKBAR, Arooj
17:45	[204] [Invited] Design, fabrication and soundness test of a Bi2223 magnet immersed in liquid hydrogen	Prof. IMAGAWA, Shinsaku