

MT27, 27th International Conference on Magnet Technology

Wednesday, 17 November 2021

WED-OR2-302 HTS coil I (08:30 - 10:30)

-Conveners: So Noguchi; Seungyong Hahn

time	[id] title	presenter
08:30	[421] Operation Results of a 23.5-T REBCO Magnet Prototype Towards a Tabletop Liquid-Helium-Free 1-GHz Microcoil NMR	PARK, Dongkeun
08:45	[417] Metal-as-Insulation HTS Insert for Very-High-Field Magnet: A Test Report after Repairment	SONG, Jungbin
09:00	[357] Self-protecting behavior of an intra-Layer No-Insulation (LNI) REBCO coil under an LTS outer coil's quench	SUETOMI, Yu
09:15	[950] Quench Protection and Cyclic Fatigue Test Results for MTI Coils in the 40T All-superconducting Magnet Project at the NHMFL	BOSQUE, Ernesto
09:30	[846] Hoop stress test of four-stacked two-ply REBCO pancake coils	Dr TAKAHASHI, Kohki
09:45	[110] Development of ReBCO Insert Solenoids for Its High Field Application Performance Verification	JIN, Huan
10:00	[450] Successful demonstration of the first CORC® cable insert solenoid in 14 T background magnetic field operating at currents exceeding 4 kA, current densities of over 250 A/mm ² , and 275 MPa source (JBR) stress	WEISS, Jeremy
10:15	[864] Bi-2212 Coil Technology	TROCIEWITZ, Ulf