

MT27, 27th International Conference on Magnet Technology

Friday, 19 November 2021

FRI-OR6-701 Design and Analysis (07:30 - 09:30)

-Conveners: So Noguchi; Honghai Song

time	[id] title	presenter
07:30	[80] Quasi-3D Magneto-Thermal Quench Simulation of Superconducting Magnets	Ms D'ANGELO, Laura
07:45	[232] An Optimal Configuration Method of Superconducting Magnet with Iron Shield using Model Order Reduction	NOGUCHI, So
08:00	[385] A complete, coupled model for Electro-Magnetic, Electro-Thermal and Mechanical analysis for axi-symmetric coils using variational principles	Mr DADHICH, Anang
08:15	[663] Multiphysics field topology optimization design of heat conduction structure of high-temperature superconducting magnets	SHAO, QING
08:30	[698] Evaluation of the screening current effect in an all-superconducting high-field magnet	Dr LIU, XiaoGang
08:45	[520] Simulation of Quench Transients in Self-Protecting Magnets with a 3D Semi-Implicit Finite-Difference Method	Dr RAVAIOLI, Emmanuele
09:00	[594] Modeling stabilizer and superconducting inhomogeneities of commercial REBCO tapes with a 1-D electro-thermal model	RIVA, Nicolo'
09:15	[1003] Variable inductance observed in the HTS non-insulation (NI) coils	Dr VENUTURUMILLI, Sriharsha