

MT27, 27th International Conference on Magnet Technology

Thursday 18 November 2021

THU-PO3-707 Quench Analysis I (10:00 - 12:00)

| [id] title | presenter | board |
|--|--|-------|
| [911] Quench detection and protection of high-temperature superconducting magnets: The case of a Bi-2212 Rutherford cable canted-cosine-theta dipole magnet | REIS, Christopher | |
| [828] Numerical study of quench behaviour in YBCO CORC cables | YANG, Jiabin | |
| [759] Adaptive Element Equivalent Circuit of No-Insulation High Temperature Superconductor Coil Containing Multiple Defects | Mr AN, Soobin | |
| [209] A Numerical Method for Simulating the Quench Behavior of Superconductors | Dr PI, Wei Prof. WANG, Yinshun | |
| [66] Quench Study on REBCO Coil for a HTS Sextupole Magnet | WANG, Xudong | |
| [394] Transient behavior of a REBCO No-Insulation or Metal-as-Insulation multi-pancakes-or racetracks- coil using a Partial Element Equivalent Circuit model. | GENOT, Clément | |
| [419] Partial-Insulation HTS Magnet for Reduction of Quench-Induced Peak Currents | LEE, Wooseung | |
| [920] Experiment and analysis of spatial electromagnetic and thermal behaviors during quench propagation in no-insulation HTS coil with multi-physics distributed-circuit approach | Mr KIM, Geonyoung | |
| [683] Network model for REBCO pancake coils with heat transfer | WEBB-MACK, Zoe WANG, Xiaorong JI, Qing | |