



# MT27, 27th International Conference on Magnet Technology

## Tuesday, 16 November 2021

### TUE-PO1-705 Quench Detection I (13:15 - 15:15)

[id] title	presenter	board
[618] Test Results of Alternative Magnet Technologies for HTS Magnet Quench Detection and Protection	DAVIS, Daniel	
[109] Experimental study on quench protection method for HTS coil that uses Cu tape co-wound with HTS tape	Mr SHIMADA, Ryohei	
[517] Detecting quench in HTS conductors with LTS conductors — a theoretical and numerical analysis	KANG, Rui	
[91] A Pulse Forming Network Power Supply for Quench Protection Heaters	Dr GREEN, Bert	
[472] An electro-thermal coupling model of quench protection using nonlinear quench-back for superconducting magnets	Dr TONG, Yujin	
[248] Choice of 2G HTS tape for magnet design according to quench protection requirements.	SOTNIKOV, Dmitry	
[624] Quench protection of a large aperture 15 T Cable Test Facility Nb3Sn Magnet	MARINOZZI, Vittorio	
[251] Quenching HTS Pancake Coils using Frequency Loss Induced Quench Protection System.	IJAGBEMI, Kikelomo	
[609] Simulation and Experiments on an AC-Injection Active Protection Scheme for a Conduction Cooled, React-and-Wind, MgB2 MRI Coil Segment	Ms ZHANG, Danlu	
[389] Superconducting Magnet Energy Extraction with Varistors to Reduce Quench Voltages and Hot-Spots	Dr GALVIN, Tom	
[241] The influence of metal plates on quench protection of high temperature superconducting pancake coils	LU, Zhen	