MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Thursday 31 August 2017

Thu-Af-Po4.09: Quench Detection and Protection Systems (13:45-15:30)

[id] title	presenter	board
[669] A fast 10 kA current switch for High Temperature Superconductor accelerator magnets	Dr STATERA, Marco	
[441] Partial isolation quench protection method for YBCO SMES magnet	Mr SUN, Qixing	
[1115] Quench protection of an MgB2-based MDS magnet system	Mr KÜHLKAMP, Wouter	
[619] Analytic Study of the Active Quench Detection Method for the HTS Magnet using Resonance circuit	Mr SONG, Seunghyun	
[624] A novel quench detection method using radio frequency wave technology	Dr YANLAN, Hu	
[467] 24kA DC Energy Extraction Switch for LARP Magnet Testing at BNL	Mr JOSHI, Piyush	
[334] Study on the Quench Protection of the HTS magnet with iron core for a 1MW DC Induction Heater	YANG, Ping	
[55] Quench Detection Performance of the Magnet Safety System for the inductively coupled KATRIN Source Magnets	Dr GIL, Woosik	
[1182] Self-monitoring, SMART REBCO coated conductors	SCURTI, Federico	
[1181] Effects of metallic coatings on the thermal sensitivity of optical fiber sensors at cryogenic sensors	SCURTI, Federico	
[882] Quench Protection of a Nb3Sn Superconducting Magnet System for a 45 GHz ECR Ion Source	Dr RAVAIOLI, Emmanuele	
[760] Experimental evaluation of computer-aided quench detection for the KSTAR CS Coil	CHU, yong	
[564] Quench and Recovery Characteristics of MgB2 Coil with Various Protection Schemes	Mr KIM, Young-Gyun	
[422] Design and Analysis of an Energy-Extraction System for High Current HTS Magnets	RUUSKANEN, Janne	
[94] An FPGA-based Quench Detector and Data Acquisition System for Superconducting Insertion Devices	Mr WU, Chun-Yi	
[838] Qualification of movement leading to quench in Nb3Sn coils by means of induced voltage, quench antenna and vibration measurements.	WILLERING, Gerard	
[548] Numerical and Experimental Evaluations of the Quench Detection Performance of NbTi/YBCO Hybrid Tape	HASEGAWA, Shin	
[323] New method for magnet protection systems based on a direct current derivative sensor	DE MATTEIS, Ernesto	