MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Tuesday, 29 August 2017

Tue-Af-Po2.10: Multiphysics Design and Analysis (13:15 - 15:00)

[id] title	presenter	board
[1119] Improved Modeling of Canted-Cosine-Theta Magnets	BROUWER, Lucas	
[282] Optimal Design of the LTS Magnet employing Genetic Algorithm for EMPS	Dr JAE YOUNG , Jang	
[644] Research on Temperature Rise and Temperature Control for Giant Magnetostrictive Transducer	Prof. HUANG, Wenmei	
[862] Comparative study between in-situ measurements and a 3D efficient model for the computation of magnetic fields in High Field Polyhelix magnets	Dr TROPHIME, Christophe	
[388] Application of hierarchical matrices to large-scale electromagnetic field analyses of coils wound with coated conductors	TOMINAGA, Naoki	
[864] Towards real time computation of 3D magnetic field in parametrized Polyhelix magnets using a reduced basis Biot-Savart model	Mr HILD, Romain	
[586] Eddy Current Loss Analysis of Surface Mount High Speed Permanent Magnet Motor Base on Multi-physics Fields	Prof. LIU, Guangwei	
[573] Thermo-Magnetic Mechanical stability study of the MICE Spectrometer Solenoids	PAN, Heng	
[431] Refinement and application of a generic CFD toolkit covering the heat flows in combined solid–liquid systems to investigate thermal quench limits of superconducting magnets	AABID, Fouad	
[348] Shielding Current Analysis in High-Temperature Superconducting Film and Its Application	TAKAYAMA, Teruou	
[701] STEAM: A Hierarchical Co-Simulation Framework for Superconducting Accelerator Magnet Circuits	BORTOT, Lorenzo	