

MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Thursday, August 31, 2017

Thu-Af-Po4.10: Magnetization and Field Quality (1:45 PM - 3:30 PM)

[id] title	presenter	board
[646] Influence of E-J characteristics of coated conductors and field ramp-up rates on the shielding-current-induced fields of magnets	LI, Yang	
[585] Torque Maximization Method of Radial Magnetized Surface-Mounted PM Machine Having Sinusoidal Shaped Pole	ZHUANG, shuangjiang	
[921] Novel Cavity Feature On Dipole Magnet Pole Face Improves Field Homogeneity While Reducing Coil Complexity	YECKEL, Christopher	
[304] Diffusion process of screening current in REBCO coil wound with copper-plated multi-filamentary REBCO tape	Prof. UEDA, Hiroshi	
[155] A method based rotating coil to find magnetic center for series quadrupole magnets at IMP	Dr YANG, Wenjie	
[184] Mu2e Solenoid Field Mapping System Design	FEHER, Sandor	
[192] Magnetic Field Measurement and Analysis of the CSNS/RCS Quadrupole Magnets	LI, Li	
[48] Numerical modelling of iron-pnictide bulk superconductor magnetization	AINSLIE, Mark	
[193] Influence of Soft Ferromagnetic Section on Trapped Field of High Temperature Superconducting Bulk Magnet used for linear motor application	Mr TANG, Junjie	
[343] Field Stabilization Method of the Persistent Current Mode Coil Made of 2G HTS tape at 77 K	QIU, Derong	
[305] Reduction effect of irregular magnetic field due to screening-current in copper-plated multifilamentary REBCO tape	Prof. ISHIYAMA, Atsushi	
[411] Numeric Analysis of the Rib geometry effect on multipole magnetic fields	SHIM, Seong Yeub	
[19] Waveform conditioning problems in high frequency magnetization of nanocrystalline alloys	CHEN, Long	
[584] Feasibility Study on Mitigation of Screening Current-Induced Field in a Conduction-Cooled REBCO Magnet	HWANG, Young Jin	
[497] Field Mapping System for a 230 MeV Superconducting Cyclotron	Dr ZHANG, Tianjue	
[186] Hall probe Calibration System Design for the Mu2e Solenoid Field Mapping System	Mr OROZCO, Charles	
[805] A field mapper for the determination of the multipole components of the curved HESR dipole magnets	Dr SOLTNER, Helmut	
[587] Investigation on Optimal Third-order Harmonic Shaping Method for Parallel Magnetized Surface-Mounted PM Machine	SHEN, yang	
[1155] Reduction of the screening current field in HTS coils wound by using Soldering-Stacked-Square (3S) REBCO wires	Dr LI, Zhuyong	
[147] Simulation of Screening Current Reduction Effect of External AC Magnetic Field on Multi-turn REBCO Pancake Coils	MIYAO, Ryosuke	