

MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Tuesday, August 29, 2017

Tue-Af-Po2.09: Mechanical Behaviour (1:15 PM - 3:00 PM)

[id] title	presenter	board
[642] Study of bending behavior in Nb ₃ Sn strands	Dr HEMMI, Tsutomu	
[752] High definition 3D finite element analysis of low temperature Rutherford cable	Mr NUNIO, François	
[356] Mechanical Design Analysis of MQXFB, the 7.2 m Long Low- β Quadrupole for the Hi-Luminosity LHC Upgrade	VALLONE, Giorgio	
[514] Simulation studies of mechanical stresses and trapped field in annular REBaCuO superconducting bulk magnet for NMR spectrometer during field-cooled magnetization	Prof. FUJISHIRO, Hiroyuki	
[488] Strain response of superconducting magnets during excitation and quench training based on FBG and cryogenic strain gauge measurements	Mr HU, Qiang	
[834] Characterization of the Stress Distribution on Nb ₃ Sn Rutherford Cables Under Transverse Compression	WOLF, Felix Josef	
[909] Experimental Study on the Mechanical Stress Effect on the Degradation of High Temperature Superconducting Coils	Mr UEKI, Toru	
[165] Simulation of the ITER Toroidal Field Coil Case welding distortion using Finite Element Method	JIMENEZ, Marc	
[76] Mechanical properties of bulk MgB ₂ superconductors processed by spark plasma sintering at various temperatures	Dr MURAKAMI, Akira	
[997] Degradation of Critical Current in an HTS Tape Considering Curvature of Elliptical Shape under Combined Bending and Torsion	Mr HAN, Seunghak	
[654] Strain characteristics of I _c in brass laminated GdBCO CC tapes under various temperature and magnetic field conditions	SHIN, Hyung-Seop	
[552] Investigation on Minimum Tolerable Bending Diameters of Reacted MgB ₂ Monofilament Wires	Dr SONG, Jung-Bin	
[547] Numerical simulation of electromagnetic and thermal hoop stresses in REBaCuO superconducting ring and disk bulks reinforced by stainless steel ring with various thicknesses during field-cooled magnetization	Mr TAKAHASHI, Keita	
[734] Tail Component Qualification for the EU ITER PF Coils	Mr BILBAO GUTIERREZ, Mikel	
[947] Influence of bolt positions and electrode structure in Yoroi-coil structure on stress distribution in an HTS coil winding	Mr KATO, Masahiro	