MT27, 27th International Conference on Magnet Technology

Thursday 18 November 2021

THU-PO3-404 Magnets for MRI (10:00 - 12:00)

[id] title	presenter	board
[795] An Improved Passive Shimming Strategy for the Unsaturated Magnetization Problem in the Low-field Superconducting MRI Magnet	QU, Hongyi Prof. WANG, Qiuliang	
[762] Design of a Cryogen-free 6 T 320 mm All-REBCO MRI Magnet	CHOI, Kibum	
[607] Numerical Study of Temperature Distribution within a Conduction-Cooled, MgB2 MRI Coil Segment	Ms ZHANG, Danlu	
[197] Temperature Dependence of Optimal Shape and DC Current Transport Characteristics of 3T Whole Body REBCO MRI Magnet	Prof. NAKAMURA, Taketsune	
[120] Feasibility study of novel rapid ramp-down procedure in MgB2 MRI magnet using persistent current switch with high off-resistivity	KODAMA, Motomune	
[726] Analysis of Radial Preload of 14 T MRI Magnet	HAN, Houxiang	
[882] Development of superconducting joints between bronze-route Nb3Sn multifilamentary wires for persistent-mode operation	Mr GAO, Peng Mr LIU, haihong	
[638] Compact MRI	COOMBS, Tim	
[783] A NbTi persistent current switch for MRI superconducting magnet	Prof. ZHOU, Chao	
[820] FEM modeling of superconducting whole body, actively shielded 7 T MRI magnets wound using Nb3Sn strands	Dr MAJOROS, Milan	
[843] Structure design on the 3-T HTS coil for desktop MRI magnet using the Distributed Genetic Algorithm method.	OSAWA, Yoshihiro	
[973] Modelling and mitigation of quench risk for a NI HTS MRI brain magnet	OLATUNJI, Jamal	