MT27, 27th International Conference on Magnet Technology

Thursday 18 November 2021

THU-PO3-508 Superconducting Rotating Machines, Linear Machines, and Related Subjects III (10:00 - 12:00)

[id] title	presenter	board
[922] Stability of a metal insulated 2G HTS coil under the external ac field	SOHN, Myung-Hwan	
[155] R&D of a No-insulation HTS Magnet for Small-Scale Bilateral HTS Linear Synchronous Motors	Dr DONG, Fangliang	
[263] Electromagnetic Shielding Technique for No-insulation Superconducting Rotor Windings in Electrical Aircraft Propulsion	FU, Yutong	
[235] A Dual-Stator HTS Modular Linear Vernier Motor for Long Stroke Applications	Mr SHI, Yujun	
[721] Comparative Study of HTS linear synchronous motor with different core and winding structures for electromagnetic launching	Mr MA, Yuanzheng	
[745] Investigation on Time-Varying Behavior of No-Insulation HTS Field Coil for Synchronous Motors Considering Armature Reaction and Slotting Effect	YOON, Jonghoon	
[862] Force Characteristic Analysis of Active EDS System Under Different Control Currents	Dr LIU, Kang	
[707] Conceptual design of a linear generator suitable for marine energy power generation	Mr KAMBO, Petrus	
[542] Influence analysis of the geometrical parameters on the ac loss of the double sided linear HTS induction motor under various operation conditions	Dr LI, Shuo	
[701] Numerical Modeling for Electrical Machines with Superconducting Windings using H-A formulation	WEI, Haigening	
[712] Electromagnetic Design of a Novel HTS Linear Synchronous Motor for Electromagnetic Launching	SHEN, Shifeng	
[841] Numerical Study of Magnet Stability in the Superconducting Armature Winding for a Superconducting Generator	Mr YAN, Juzhuang	