

MT27, 27th International Conference on Magnet Technology

Thursday 18 November 2021

THU-PO3-719 Design and Analysis II (10:00 - 12:00)

[id] title	presenter	board
[253] Magneto-thermal Coupling Analysis of Claw Pole Machine using Combined Magnetic and Thermal Network Method	WANG, Xue	
[308] Thermal Network Modeling for High-frequency Insulated Core Transformers	NIE, Lanxin	
[62] Modelling and Investigation on the AC loss of the 2G YBCO tape influenced by High-order power harmonics	NIU, Chang XINYI, Liu	
[460] Assessment of coil design and pulse unit parameters for the optimization in the electromagnetic forming process of metal sheet	Prof. PAESE, Evandro	
[893] Thermal stability against local critical current degradation in an HTS pancake coil wound with an insulated conductor composed of no-insulated multiple tapes	Mr TAKENAKA, Mikito	
[746] Experimental and Comparative Study of Noise Vibrations and Harshness of Permanent Magnet Machines according to Rotor Eccentricity with Two Different Fractional Pole/Slot Combinations	BANG, Tae-Kyoung	
[522] STEAM Software Framework to Simulate Transients in Accelerator Magnets and Circuits	Dr RAVAIOLI, Emmanuele WOZNIAK, Mariusz	
[753] Improvement of excitation delay by multiple high temperature superconducting tapes in no-insulation coil	Mr NAKADA, Yuma	
[755] Comparison between T-A formulation and uniform current assumption for the critical current calculation of high temperature superconductor ReBCO coils	XUE, Wenbo	
[983] Levitation characteristics analysis of a novel bearingless switched reluctance motor	WANG, Zixin	
[993] Current distribution modeling in the open-source OPENSC2 tool for the multi-physics analysis of HTS and LTS superconducting cables	Ms VIARENGO, Sofia	
[1054] Screening Current Induced Field changes during De-energization with Axial Clamping	KOLB-BOND, Dylan	