MT27, 27th International Conference on Magnet Technology

Thursday 18 November 2021

THU-PO3-802 Cryostats and Cooling systems (10:00 - 12:00)

[id] title	presenter	board
[145] Design of a helium-liquid hydrogen based indirect cooling system for an HTS coil cooling	NAM, Gi-Dong	
[306] HTS coil cooled with liquid hydrogen and fuel cell power source	HA, Dong-Woo	
[205] Cryostat for HECRAL Superconducting Magnet	Mr WANG, Xudong	
[260] The study on the quench helium release process of HFRS superconducting magnet	WANG, Lishi	
[117] Research on combined use of magnetic refrigeration technology for refrigerant circulation type high temperature superconducting coil cooling system	Mr OKAZAKI, Yodai	
[142] Study on Forced Flow Cooling of Superconducting Magnet for Compact Synchrotron	YOU, wei	
[187] Study on the state prediction of the superconducting magnet system for a nuclear fusion experimental device by machine learning	Dr OBANA, Tetsuhiro	
[341] Study of refrigerant circulation system and cryofan for cooling high temperature superconducting coils.	Mr NOGUCHI, Masazumi	
[434] Fermilab’s Horizontal Test Stand Cryogenic System Upgrade and Commissioning	RABEHL, Roger	
[436] A preliminary cryogenic performance test of the 4.8-m-long cryostat for superconducting undulators	Dr SHIROYANAGI, Yuko	
[784] Structural Design and Analysis of Cryogenic System for 3.5 T HTS Magnetic Separation Facility	GUO, Liang	
[906] A long-life, high-capacity and high-efficiency cryogenic system developed for high-Tc superconducting magnet applications	XUE, Renjun	
[1008] Conceptual design of a magnetic refrigerator for cooling quantum computers	KAMIYA, Koji	
[914] Thermodynamic Behavior Analysis and Heat Transfer Structure Design of Helium Bubble Aggregation in High Field Superconducting Magnets	HONG, Wenzhe	
[326] Cryostat design for HTS conductors test in the field of 19.5 T @200 mm bore	ZHANG, Kai	