

MT27, 27th International Conference on Magnet Technology

Thursday 18 November 2021

THU-PO3-803 Current supply, regulation & cryogenic power electronics (10:00 - 12:00)

[id] title	presenter	board
[60] Concept Design of Power Source for High Temperature Superconducting Ship Deperming Coil System	Dr HIROTA, Megumi	
[311] Control the Output of an HTS Dynamo with a DC Background Field	Mr XU, Hang	
[337] Feasibility Study of Thyristor Rectifier with Unity Power Factor for Superconducting Magnet in Tokamak	HATAKEYAMA, Shoichi	
[469] Design and study of a new type of series active filter for the 10MW-level high power and high stability DC power supply	SONG, MinHui	
[858] A novel cryogenic model for SiC MOSFET	GUO, Wenyong	
[508] A temperature and over current controlled persistent current switch for high temperature superconducting magnets	BI, Yanbo	
[1013] Structure Optimization of Linear Generator Coil in No-contact On-board Power Source for EDS Maglev	LI, Yuxiao	