

MT27, 27th International Conference on Magnet Technology

Wednesday, 17 November 2021

WED-PO2-507 Superconducting Rotating Machines, Linear Machines, and Related Subjects II (10:30 - 12:30)

[id] title	presenter	board
[1007] Robust and low-loss high temperature superconducting armature winding technology to realize a practical fully superconducting rotating machine: from the viewpoint of self-organizing design method and FFDS conductor technique	Prof. NAKAMURA, Taketsune	
[305] Study of REBCO Trapezoidal Armature Windings for Superconducting Induction Motor	OKADE, Yuta	
[1028] Influence of the Stator Substrate Magnetism on the Charging Performance of Dynamo-type HTS Flux Pump	SUN, Chenzhen	
[67] A Double-Stator Single-Rotor Field Modulated Motor with HTS Bulks	TANG, Weizhao	
[464] Investigation of AC Loss Characteristics of REBCO Armature Developed for 50 kW-class HTS Induction/Synchronous Motor	FUKUI, Satoshi	
[363] The Test Results of a YBCO Racetrack Coil at 30K Incorporate a Novel Cryostat Suitable for a Linear-Motor Type Flux Pump Used on an Synchronous Motor	LI, Hong	
[58] A Novel HTS Magnetic Field Modulation Type Magnetic Gear Hybrid Motor With Irregular Halbach Array	PAN, Yonglin	
[48] A New Structure for the Coaxial Magnetic Gear with HTS Bulks	Prof. JING, Libing	
[182] Numerical Modeling and Optimization of an Axial-type Synchronous Motors with Bulk HTS	XU, Yuanyuan	
[108] Flywheel uninterruptible power supply using superconducting induction machine	KUKI, Shota	
[945] Study on the structure design for high performance non-contact rotating machine using HTS bulks	HIRATA, Tomo	
[961] Parametric study on starting method with fast torque response in high-temperature superconducting induction/synchronous motor	Prof. NAKAMURA, Taketsune	
[585] Concept Design of a Novel Superconducting PTO Actuator for Wave Energy Extraction	GARCIA-TABARES, Luis	
[1039] The Potential for the Use of Low AC Losses Hyperconducting Aluminum in Cryogenic Motors	Mr KWON, Jin	