MT27, 27th International Conference on Magnet Technology

Thursday 18 November 2021

THU-PO3-612 Bulk Magnets (10:00 - 12:00)

[id] title	presenter	board
[833] Study on the structure design of HTS bulk magnets for compact MRI	Prof. KIM, SEOKBEOM	
[296] Physical properties of all c-grown Gd123 bulks starting from various metal compositions	Mr TOMIHISA, Takuma	
[295] Fabrication of all c-grown RE123 melt-textured bulks with homogeneous trapping field distributions using Single-Direction Melt Growth method	Mr REMPEI, Sasada	
[288] Short-time fabrication and trapped field distributions of large REBCO melt-textured bulks made by Single-Direction Melt Growth method	MOTOKI, Takanori	
[301] Tensile properties of (Gd,Y,Er)BaCuO superconducting bulk materials fabricated by infiltration growth technique	Dr MURAKAMI, Akira	
[348] A numerical evaluation of magnetizing characteristic of bulk magnet excited by pulsed-field magnetization with different shaped soft-iron yokes	YOKOYAMA, Kazuya	
[70] Mitigation of non-uniform current distribution in bulk high-temperature superconducting rings for the generation of NMR-grade magnetic fields	BECK, Mike	
[158] Development of CaKFe4As4 bulks by spark plasma sintering method	OGINO, Hiraku	
[483] The influence of local heat generation in a REBaCuO ring bulk with large bore on mechanical fracture during pulsed-field magnetization	SHINDEN, Motoki	
[940] Conception design of a magnetic flux lens using stacked HTS tapes	ZHOU, Difan	
[527] Pulsed field magnetization of GdBaCuO superconducting bulks with high magnetization efficiency using a split type coil with a soft iron yoke	SHINDEN, Motoki	
[371] A Comparative Study of Experimental and Computational Modeling for Thickness Dependence of Trapped Field in Machined MgB2 Bulk Superconductors	YAMAMOTO, Akiyasu	