

MT27, 27th International Conference on Magnet Technology

Thursday, 18 November 2021

THU-PO3-605 MgB₂ and Iron-based Wires and Cables (10:00 - 12:00)

[id] title	presenter	board
[921] Critical Bending Radius Test and Analysis of 7-Filament Ba _{1-x} K _x Fe ₂ As ₂ Iron-Based Superconductor Tapes under 12 T Background Field	LIU, Xiao	
[493] Effect of different bending diameters on the current-carrying capacity of iron-based superconducting tapes	LI, Chunyan	
[459] Demonstration of a kA-class Rutherford Cables using MgB ₂ Wires for Energy Storage Device optimal for Liquid Hydrogen Indirect Cooling System	YAGAI, TSUYOSHI	
[68] Measurement of irreversible external-compressive strain and minimization of reversible bending radius on MgB ₂ multifilament wire	TANAKA, Hideki	
[480] Development of MgB ₂ superconducting wires at Sam Dong Co., Ltd.	Dr CHOI, Jun Hyuk	
[888] Influence of premix condition on the microstructure and trapped field properties of MgB ₂ bulk magnets by Mg Vapor Transportation (MVT) method	TANAKA, Rika	
[897] Synthesis and Current Transport Properties of Ba(Fe,Co) ₂ As ₂ Polycrystalline Bulks Prepared by Spark Plasma Sintering	HASEGAWA, Yuta	
[842] Optimization of the react and wind coil manufacturing process using MgB ₂ twisted cable	Mr KIM, Jiman	
[991] Critical current and nano-structural properties of K-doped BaFe ₂ As ₂ epitaxial thin films by molecular beam epitaxy	QIN, Dongyi	