

MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Thursday 31 August 2017

Thu-Af-Po4.08: ReBCO Conductors: Properties and Characterisation (13:45-15:30)

[id] title	presenter	board
[400] Effect of Background Magnetic Field on the Critical Current Degradation under Tensile Fatigue Loading for YBCO Tapes	Dr YANG, Xinsheng	
[426] Characterization of an internal cooling high temperature composite superconductor with REBCO for large scale energy storage applications	ZHU, Jiahui	
[452] Influence of picosecond and femtosecond laser impact on magnetic and transport characteristics of the HTS tape	POKROVSKII, Sergei	
[643] The effect of compositional ratio of SmBCO coated conductor on the superconducting properties.	Mr KIM, Gwan-tae	
[987] Enhancement of in-field critical current density of BaZrO ₃ added (Y, Gd)BCO coated conductors by reduced once-coat-layer-thickness in multi-coating TFA-MOD method	SUZUKI, Takumi	
[190] Pinning Force and critical properties in YBa ₂ Cu ₃ O _{7-δ}	Mr LMOUDEN, Brahim	
[137] Transport properties of commercially available REBCO conductors at 4.2 K	Mr NORIMOTO, Kazuki	
[303] Bending-peeling method to measure interface strength of YBCO tape	WANG, Qiuliang	
[359] Temperature Evolution of Pinning Force in GdBaCuO Coated Conductors with Artificial Pinning Centers	RUDNEV, Igor	
[678] Repair method of locally defective or damaged coated conductor using the superconducting patch	Dr KO, Rock Kil	
[854] The angular and Field Dependence of the Critical Current of commercial YBCO coated conductors	Mr ZHANG, Xiuchang	
[1065] Simulation of the delamination behaviors in the 2G HTS tape with consideration of thermal stress	DUAN, Yujie	
[1128] Study on the Transport Current Properties for the 2G HTS Wire Under the Spray Cooling Method	DU, Ho Ik	
[301] Enhancement of crystallinity and critical current properties of fluorine-free MOD processed YBCO films by introduction of oxyhalide Ba ₂ Cu ₃ O ₄ X ₂ (X = Cl, Br)	MOTOKI, Takanori	
[200] Threshold value analysis of YBCO tapes under transient over-current impulse	Mr LIU, Shizhuo	
[578] Performance Degradation of YBCO Tapes after Suffering Lightning Impulse Current	Mr HU, Daoyu	