

ICMC-2013, the International Cryogenics Materials Conference

Thursday 20 June 2013

High Current HTS Cables and Conductor Composites: 3MOrC2 orals - Kahtnu 2 (10:30 - 12:30)

-Conveners: Danko Van der Laan; Francesco Grilli

time	[id] title	presenter
10:30	[108] [Invited] High-temperature superconducting Conductor on Round Core magnet cables operated at high current ramp rates in background fields of up to 19 T	VAN DER LAAN, ET AL., D.
11:00	[109] Design, Fabrication and Testing of Terminations for Helium Gas Cooled Superconducting DC Cable	CROOK, ET AL., D.
11:15	[110] Design of high current superconducting DC power cable using the longitudinal magnetic field configuration	MATSUSHITA, ET AL., T.
11:30	[111] Design of high current density, oxide - metal composite superconductors with superior stability, stress and strain tolerance for very high field applications	OTTO, ET AL., A.
11:45	[112] Critical current density in REBCO coated conductors in longitudinal magnetic field	MATSUSHITA, ET AL., T.
12:00	[113] Extraction of local $J_c(B,\theta)$ dependence from measured $I_c(H,\theta)$ characteristics and its use for evaluating self-field effects in REBCO coated conductor devices	GRILLI, ET AL., F.
12:15	[114] Effect of thermo-mechanical processing on the material properties at low temperature of a large size Al-Ni stabilized Nb-Ti/Cu superconducting cable	LANGESLAG, ET AL., S.