

CEC/ICMC 2023 Abstracts & Technical Program

Wednesday, 12 July 2023

M3Or3H: Special Session: Low Temperature Materials Database A Superconductors - 319B (14:00 - 16:00)

-Conveners: Karl Hartwig; Shreyas Balachandran

time	[id] title	presenter
14:00	[635] M3Or3H-01: Introduction	BALACHANDRAN, Shreyas
14:10	[474] M3Or3H-02: [Invited] The critical current and critical current density of MgB ₂ ultrafine superconducting wires and cables	Dr KIKUCHI, Akihiro Dr KUMAKURA, Hiroaki
14:25	[476] M3Or3H-03: [Invited] Development of MgB ₂ superconductor wires, cables, coils and their applications	Dr PENG, Xuan
14:40	[566] M3Or3H-04: [Invited] Electro-magnetic tape width of REBCO coated conductors characterized by reel-to-reel scanning Hall-probe magnetic microscopy	KISS, Takanobu
14:55	[558] M3Or3H-05: [Invited] Resistivity Measurements of Electric Conductors for High Power Machines and Magnets for a Full Range of Cryogenic Temperatures and Magnetic Fields	BULLARD, Thomas
15:10	[468] M3Or3H-06: [Invited] Database of VSM In-Field Performance of REBCO Coated Conductor at 4.2-77 K, 0-14 T	MAJKIC, Goran
15:25	[489] M3Or3H-07: [Invited] Fabrication and transport properties of multifilament Cu/Ag/Ba-122 iron-based superconducting wires	WANG, Dongliang
15:40	[636] M3Or3H-08: Discussion	