

Session Program

9-13 Jul 2023



CEC/ICMC 2023 Abstracts & Technical Program

M1Or1A: REBCO Coated Conductors

Hawaii Convention Center

Sunday 9 July

09:30

M1Or1A: REBCO Coated Conductors

Session | **Location:** 318 | **Conveners:** Takanobu Kiss, Venkat Selvamanickam

09:30–09:45

M1Or1A-01: Comparative study between 77 K, self-field I_c and that of in-field and 4.2 K based on high throughput reel-to-reel continuous I_c measurements on a PLD processed long REBCO coated conductor

Speaker

Takanobu Kiss

09:45–10:00

M1Or1A-02: Advances in ultrafast transient liquid assisted growth of YBa₂Cu₃O₇ coated conductors

Speaker

Xavier Obradors

10:00–10:15

M1Or1A-03: Scanning Raman Spectroscopy for Characterization of REBCO Coated Conductors

Speaker

Nathaly Andrea Castaneda Quintero

10:15–10:30

M1Or1A-04: J_c measurement and current sharing in REBCO coated conductor with Ni stabilizer.

Speaker

Yang Guo

10:30–10:45

M1Or1A-05: Magnetization and flux creep analysis for STAR Coated Conductor cable

Speaker

Shengchen Xue

10:45