

Session Program

9-13 Jul 2023



CEC/ICMC 2023 Abstracts & Technical Program

M2Or1B: Latest Development in Flux Pinning & Critical Current - REBCO I

Hawaii Convention Center

Monday 10 July

09:30

M2Or1B: Latest Development in Flux Pinning & Critical Current - REBCO I

Session | Location: 318 | Conveners: Prof. Satoshi Awaji, Goran Majkic

09:30-10:00

M2Or1B-01: [Invited] Combination of thermodynamic and pinning optimization routes for enhancing J_c

Speaker

Prof. Masashi Miura

10:00-10:20

M2Or1B-02: [Invited] Methods to enhance and tune vortex pinning in coated conductors

Speaker

Dr Leonardo Civale

10:20-10:40

M2Or1B-03: [Invited] Ca-repaired BaZrO₃ nanorods/YBa₂Cu₃O_{7-x} interface for enhanced pinning in YBa₂Cu₃O_{7-x} nanocomposites with 2-8% BaZrO₃ doping

Speaker

Judy Wu

10:40-11:00

M2Or1B-04: [Invited] Understanding In-Field Performance of REBCO Conductor with Artificial Pinning Centers by Scanning Raman Spectroscopy and 2D-XRD

Speaker

Goran Majkic

11:00