

## 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 BaZrO<sub>3</sub> nanorods/YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> interface for enhanced pinning in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> nanocomposites with 2-8% BaZrO<sub>3</sub> 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