

## Session Program

9-13 Jul 2023



## CEC/ICMC 2023 Abstracts & Technical Program

### *M2Po2B: Modelling and AC Losses*

Hawaii Convention Center

## Tuesday 11 July

14:00

### M2Po2B: Modelling and AC Losses

Poster Session | Location: Exhibit Hall III, Level 1 | Conveners: So Noguchi, Milan Majoros

#### M2Po2B-05: CLIQ Quench Protection System for a MgB<sub>2</sub> Segment Coil for MRI Applications

**Speaker**

Xianhao Zhang

#### M2Po2B-06: A 3D/2D mixed-dimensional structural model and electro-mechanical phenomenological model for REBCO coated conductors

**Speaker**

Prof. Peifeng Gao

#### M2Po2B-02: Numerical study of the clamping system and mechanical stress amplitudes in powerline busbars of SIS100 synchrotron fast ramped superconducting magnets

**Speaker**

Prof. Artur Iluk

#### M2Po2B-03: Magnetization, Flux Creep, and AC Loss in a Bi-2212 Conductor for Particle Accelerator Applications

**Speaker**

Jacob Rochester

#### M2Po2B-04: Simulations for the fault current limiting operation of a long-length YBCO CORC® superconducting cable cooled by Helium gas

**Speaker**

Dr Linh Nguyen

#### M2Po2B-07: A hierarchical delamination model for epoxy-impregnated REBCO superconducting pancake winding

**Speaker**

Dr Hanxiao Guo

16:00