

Session Program

9-13 Jul 2023



CEC/ICMC 2023 Abstracts & Technical Program

M3Or1B: Thermal, Electrical and Magnetic Properties, Radiation, and Degradation

Hawaii Convention Center

Tuesday 11 July

09:30

M3Or1B: Thermal, Electrical and Magnetic Properties, Radiation, and Degradation

Session | **Location:** 319B | **Conveners:** Griffin Bradford, James Tuttle

09:30–09:50

M3Or1B-01: [Invited] Study on Irradiation Effect of Insulating Materials for Fusion Superconducting Magnets: Temperature Dependence of Mechanical Strength

Speaker

Yoko Akiyama

09:50–10:05

M3Or1B-02: Development and performance qualification of two kinds of REBCO CICC for fusion

Speaker

Huan Jin

10:05–10:20

M3Or1B-03: Radiation-Resistant Electrical Insulation for Superconducting Magnets

Speaker

Prof. Mani Tripathi

10:20–10:35

M3Or1B-04: FEM analysis of transient current sharing in REBCO coated conductor cables

Speaker

Shengchen Xue

10:35