

Session Program

9-13 Jul 2023



CEC/ICMC 2023 Abstracts & Technical Program

M1Or2C: Insulation/Conduction, Resin, and Impregnation I

Hawaii Convention Center

Monday 10 July

11:00

M1Or2C: Insulation/Conduction, Resin, and Impregnation I

Session | Location: 319B | Conveners: Peter Cheetham, Ke Han

11:00-11:20

M1Or2C-01: [Invited] Dielectric Strength under Shear Stress of Insulating Materials for Fusion Superconducting Magnet

Speaker

Prof. Shigehiro Nishijima

11:20-11:35

M1Or2C-02: Performance analysis of insulation materials for LH2 tanks

Speaker

Hyeon-Jong Jeong

11:35-11:50

M1Or2C-03: Cryogenic Thermal Performance of the Vacuum Insulation System for LH2 Storage Tanks

Speaker

Mr Yeon-Jae Jeong

11:50-12:10

M1Or2C-04: [Invited] Thermal Conductivity and Mechanical Properties of Polymeric Aerogels for Cryogenic Insulation Applications

Speaker

Dr Gitogo Churu

12:10-12:25

M1Or2C-05: Optimizing electric field enhancement of HTS cables

Speaker

Dr Peter Cheetham

12:25