

Session Program

9-13 Jul 2023



CEC/ICMC 2023 Abstracts & Technical Program

M10r1C: Metallic, Ceramic, Composite and Polymeric Materials I

Hawaii Convention Center

Monday 10 July

09:30

M1Or1C: Metallic, Ceramic, Composite and Polymeric Materials I

Session | **Location:** 319B | **Conveners:** Robert Walsh, Norimitsu Koga

09:30–09:45

M1Or1C-01: High Heat Capacity Resin for Impregnation of Superconducting Magnets

Speaker

Dr Akihiro Kikuchi

09:45–10:00

M1Or1C-02: High-cycle Fatigue Strength of 22Cr-12Ni Austenitic Stainless Steel at 77 K

Speaker

Muhammad Edgar Bratasena

10:00–10:15

M1Or1C-03: Cryogenic properties of a nickel based alloy

Speaker

Dr Ke Han

10:15–10:30

M1Or1C-04: High purity aluminum in cryogenic motors for electric aircraft

Speaker

Mr Jin Kwon

10:30–10:45

M1Or1C-05: Cryoresistive aluminum-beryllium nanocomposites for aerospace electrical conductors

Speaker

Chris Kovacs

10:45–11:00

M1Or1C-06: Minor titanium addition enables novel copper-tantalum composite microstructures

Speaker

Karl Hartwig

11:00