

CEC/ICMC 2023 Abstracts & Technical Program

Thursday 13 July 2023

M4Or1B: Transportation Symposia V: Electronics - Emalani Theater (320) (10:00 - 12:00)

-Conveners: Justin Scheidler; Chris Rey

time	[id] title	presenter
10:00	[565] M4Or1B-01: [Invited] Technologies and Topologies for Cryogenic-Based Electric Aircraft	MANTOOTH, H. Alan
10:20	[683] M4Or1B-02: [Invited] Cryogenic Power Conversion and Its Potential in Future All Electric Transportation Systems: From Silicon Age to WBG Era	Dr LUO, Fang
10:40	[693] M4Or1B-03: [Invited] Cryogenics power electronics for electrified aircraft propulsion	Prof. WANG, Fred
11:00	[438] M4Or1B-04: [Invited] Effects of arc faults in HTS cables on the cryostat	Mr MENSAH, Paul
11:20	[495] M4Or1B-05: [Invited] A Cryogenically-Cooled Power Device Packaging in High Altitude Applications: Heterogenous Integration Challenges and Requirements	LEE, Yongduk
11:40	[559] M4Or1B-06: [Invited] Lightweight clad bimetal conductors for cryogenic applications	GRABER, Lukas