

CEC/ICMC 2023 Abstracts & Technical Program

Monday 10 July 2023

M1Or3E: Superconductors in Space - 319B (16:15 - 17:55)

-Conveners: Shreyas Balachandran; Chris Kovacs

time	[id] title	presenter
16:15	[610] M1Or3E-01: [Invited] Superconductors as Enabling Technology for Space Transportation	Dr DALBAN-CANASSY, Matthieu
16:35	[494] M1Or3E-02: [Invited] Space experiments using superconducting magnet technology	WERFEL, Frank
16:55	[199] M1Or3E-03: [Invited] Qualification and test of space compatible superconducting current leads (REBCO) designed for adiabatic demagnetization refrigerators	DUVAL, Jean-Marc
17:15	[553] M1Or3E-04: [Invited] Critical current stability of 2G REBCO tape for space-flight HTS leads	CANAVAN, Ed
17:35	[375] M1Or3E-05: [Invited] Design, fabrication and test of high temperature superconducting magnet for heat flux and radio blackout mitigation experiments in plasma wind tunnels	Dr SCHLACHTER, Sonja