

Session Program

9-13 Jul 2023



CEC/ICMC 2023 Abstracts & Technical Program

M3Or2F: Additive Manufacturing

Hawaii Convention Center

Tuesday 11 July

11:00

M3Or2F: Additive Manufacturing

Session | **Location:** 318 | **Conveners:** Eric Hellstrom, Robert Walsh

11:00–11:20

M3Or2F-01: [Invited] Cryogenic thermo-physical properties of additive manufactured materials

Speaker

Klaus-Peter Weiss

11:20–11:40

M3Or2F-02: [Invited] Additive Manufacturing of Cryogenic Materials

Speaker

Dr Olaf Rehme

11:40–11:55

M3Or2F-03: Ultimate Tensile Strengths and Elastic Moduli of Additively Manufactured PA840-GSL, A6061-RAM2, and AlSi10Mg at 20K

Speaker

Prof. Jacob Leachman

11:55–12:10

M3Or2F-04: Mechanical tensile testing of 3D-Printed Titanium 6Al-4V at Cryogenic Temperature

Speaker

Mr Bryan James

12:10