

CEC/ICMC 2023 Abstracts & Technical Program

Wednesday 12 July 2023

M3Or2D: Hydrogen Technologies and Compatible Materials - 319B (11:00 - 12:00)

-Conveners: H. Alan Mantooh; Muhammad Edgar Bratasena

time	[id] title	presenter
11:00	[159] M3Or2D-01: Techno-economic Analysis of the Cryogenic Flux Capacitor Compared to Other forms of Hydrogen Production and Storage	SCHMITT, Joshua
11:15	[261] M3Or2D-02: Preliminary Experimental Studies into the Storage Capacity of Cryogenic Hydrogen in Aerogel Blanket Materials	SWANGER, Adam
11:30	[299] M3Or2D-03: Macro and microscopic properties of 304 steel long-term exposed to liquid hydrogen	Dr WEISS, Klaus-Peter
11:45	[308] M3Or2D-04: In situ observation of microcrack formation in carbon fibre reinforced composites under mechanical load at cryogenic temperatures.	EDWARDS, Huw