

## Session Program

9-13 Jul 2023



# **CEC/ICMC 2023 Abstracts & Technical Program**

## ***C30r3B: Hydrogen IV: Vessel Design and Testing***

Hawaii Convention Center

## Tuesday 11 July

14:00

### C3Or3B: Hydrogen IV: Vessel Design and Testing

Session | Location: 315 | Conveners: Jordan Raymond, Matt Moran

14:00-14:15

#### C3Or3B-01: LH2 testing of GTL's ultra-lightweight composite dewar-tank

**Speaker**

Paul Gloyer

14:15-14:30

#### C3Or3B-02: Filling ratio dependence of time variation of pressure inside liquid hydrogen tank

**Speaker**

Prof. Minoru Takeda

14:30-14:45

#### C3Or3B-03: Hydrogen Permeability Testing of Fibre Reinforced Thermoplastics under Cryogenic Conditions - Validation of a Test Rig Concept

**Speaker**

Thomas Just

14:45-15:00

#### C3Or3B-04: Assessment of Insulation Systems for Aircraft Liquid Hydrogen Tanks

**Speaker**

Wesley Johnson

15:00-15:15

#### C3Or3B-05: Effects of throttle and heater input for reducing pressure surging in a liquid hydrogen tank pressurizer

**Speaker**

Yulia Gitter

15:15-15:30

#### C3Or3B-06: Experimental and numerical investigations on depressurization process in a large liquefied hydrogen tank

**Speaker**

Prof. Takehiro Himeno

15:30-15:45

#### C3Or3B-07: Withdrawn

15:45