

Session Program

18-22 May 2025



CEC/ICMC 2025 Abstracts & Technical Program

C1Po3B - LH2 and LNG I: Safety

Peppermill Reno
2707 S. Virginia St. Reno, NV 89502

Monday 19 May

14:00

C1Po3B - LH2 and LNG I: Safety

Poster Session | **Location:** Exhibit Hall, Tuscany Ballroom

C1Po3B-03: Numerical Simulation of the Protective Effectiveness of Bund Walls and the Impact of Key Parameters in Accidental Liquid Hydrogen Releases

Speaker

Mr Yanwei Liang

C1Po3B-01: A comparison of the toxicity and asphyxiation risk during bunkering of LH2, LNG and NH3 by means of a quantitative risk assessment

Speaker

Jorgen Depken

C1Po3B-02: Impacts of temperature on nitrogen adsorption of common cryogenic purification materials

Speaker

Dr Ian Richardson

C1Po3B-04: Development of the Cool Fuel School: a comprehensive hands-on cryogenic hydrogen design and safety program

Speaker

Zachary Beadle

C1Po3B-05: Simulation experiment of vacuum insulation deterioration in liquid hydrogen tank due to minute air leaks

Speaker

Suguru Takada

C1Po3B-06: CFD simulation of cryogenic LH2 external releases: a multicomponent-multiphase approach

Speaker

Alvaro Vidal

16:00