

Session Program

22-26 Jul 2024

ICEC29/ICMC2024

Wed-Or11

CICG - GENEVA, Switzerland
Rue de Varembe 17, 1202 Genève

Wednesday 24 July

16:00

Wed-Or11: Application H2 and LNG 1

Session | **Location:** Room A | **Convener:** Yonghua Huang

16:00–16:15 **Development of a lab-scale hydrogen liquefaction system**

Speaker

Hendrie Derking

16:15–16:30

Customized hydrogen liquefier system for applications up to 50 kg per day

Speaker

Younesse Maaizi

16:30–16:45

Experimental study on the thermal performance of printed circuit heat exchangers used for liquid hydrogen fueling stations

Speaker

Minchang Kim

16:45–17:00

A preliminary experimental study on thermal stratification in horizontal cylindrical cryogenic liquid storage vessels

Speaker

Thomas Just

17:00–17:15

Design optimization and heat transfer characteristics of multilayer insulation structures for liquid hydrogen tanks

Speaker

Hongyu Lv

17:15–17:30

Permeability testing of fibre reinforced thermoplastic pipes - validation and results

Speaker

Thomas Just

17:30–17:45

Using Waste Cold from LNG Conversion to Enhance Cold Food Supply Chains in India

Speaker

Swapan Chandra Sarkar

17:45–18:00

Experimental study of cryogenic fluid flow in porous thermal insulation materials

Speaker

Peng Xu

18:00