

Session Program

18-22 May 2025



CEC/ICMC 2025 Abstracts & Technical Program

C1Po3C - Liquid Air, CO₂, Ar Liquefaction and Storage

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

Monday 19 May

14:00

C1Po3C - Liquid Air, CO₂, Ar Liquefaction and Storage

Poster Session | Location: Exhibit Hall, Tuscany Ballroom

C1Po3C-01: A study of the whole life cycle carbon emission of liquid air energy storage system

Speaker

Dr Zhaozhao Gao

C1Po3C-04: Development of a 10 ton/day air liquefaction system for liquid air energy storage

Speaker

Dr Sehwan In

C1Po3C-05: Investigation of cold energy transfer characteristics in the liquefaction unit of the liquid air energy storage system

Speaker

Xiaoyu Fan

C1Po3C-06: Experimental investigation of CO₂ desublimation characteristics in flue gas on horizontal copper plate influenced by surface temperature and CO₂ concentration

Speaker

Bo Zhao

C1Po3C-03: Thermodynamic Analysis of Cold Energy Replenishment in Liquid Air Energy Storage System

Speaker

Dr Liubiao Chen

C1Po3C-02: Ensuring High-Purity Liquid Argon for the LBNF FDC: Collaborative Cryogenics Research Between UNICAMP and Fermilab

Speaker

Roza Doubnik

16:00