

CEC/ICMC 2023 Abstracts & Technical Program

Monday 10 July 2023

C1Or3B: Large Scale Refrigeration / Liquefaction I - 315 (16:15 - 18:00)

-Conveners: Michael White; Benjamin Hansen

time	[id] title	presenter
16:15	[477] C1Or3B-01: LCLS-II Helium Refrigeration System: A comprehensive overview of the project	PFLUECKHAHN, Dirk
16:30	[396] C1Or3B-02: End Station Refrigerator 2 Cryoplant at JLAB	PERRY, Christopher
16:45	[283] C1Or3B-03: Large-scale 4.5K helium refrigeration system for GSI FAIR	TREITE, Philipp
17:00	[389] C1Or3B-04: Preliminary studies of the MINERVA cryogenic supply system	Dr BERKOWITZ ZAMORA, Daniel
17:15	[254] C1Or3B-05: Experimental study on the temperature distribution characteristics of gas-liquid two-phase flow in the cold energy storage packed bed	FAN, Xiaoyu
17:30	[251] C1Or3B-06: Design of nonflammable mixed refrigerants based on the partial molar enthalpy difference in mixed-refrigerant Joule-Thomson refrigerators with/no pre-cooling stage	WANG, Yunxiao
17:45	[136] C1Or3B-07: Influences of distributed J-T effect on the performance of mixed-refrigerant Joule-Thomson refrigeration cycle	SUN, Yuwei