ICEC29/ICMC2024

Tuesday 23 July 2024

Tue-Po-1.1: Large Scale Cryogenic Systems 2 - Poster area (14:00 - 16:00)

-Conveners: Laurent Jean Tavian

[id] title	presenter	board
[36] Simulation of thermal compensation of the ESS cryogenic moderator system caused by a transient heat load change when the proton beams are turns on or off	TATSUMOTO, Hideki	
[184] Thermodynamic analysis of liquid air energy storage systems based on different liquefaction cycles	GAO, Zhaozhao	
[35] Failure analysis for liquid helium leaking to the vacuum envelope of the cryogenic distribution system of the ESS superconducting linac	TATSUMOTO, Hideki	
[208] Study of the influence of the plate-fin heat exchanger pressure drop on the performance of liquid air energy storage	JI, Wei	
[176] Thermodynamic analysis of an efficient liquefaction unit with high-grade cold storage in liquid air energy storage systems	FAN, Xiaoyu	
[178] Optimizing pre-cooling methods for liquid air energy storage power stations: A focus on cooling of tanks	WANG, Zhikang	
[535] Conceptual design of the cryogenic distribution system for the Shenzhen superconducting soft X-ray free electron laser	CUI, Guang Long	
[388] Carbon Footprint of the Helium Recovery System at the ISIS Neutron and Muon Source	JONES, Alexander	
[383] Study on in situ measurement of heat leak into transfer line	HAMAGUCHI, Shinji	
[183] Enhancing liquid air energy storage efficiency through integration with LNG: comparative analysis of cold energy recovery methods	LI, Junxian	
[186] An economic analysis of a coupled LAES system utilizing the regasification cold energy of liquid ethylene	LI, Yihong	
[553] Simulation of the JT-60SA supercritical helium cooling loops during magnet integrated commissioning using Simcryogenics	BONNE, Francois	
[179] A thermodynamic analysis of a coupled LAES system for recycling liquid ethylene cold energy	LI, Yihong	8