

Session Program

22-26 Jul 2024

ICEC29/ICMC2024

Thu-Or18

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

Thursday 25 July

11:00

Thu-Or18: Cooling strategies, LN2, Links, Health & Safety

Session | Location: Room B+C | Convener: Hirotaka Nakai

11:00-11:15

FCC-ee cavities RF power coupler: study on the optimal cooling strategy to boost the cryomodule energy efficiency.

Speaker

Karin Canderan

11:15-11:30

Optimization of cryogenic mixed-refrigerant cascades for intermediate cooling stations of the long-distance superconducting power cable SuperLink

Speaker

Friederike Boehm

11:30-11:45

Pressure Relieving Approach for the S3FEL Cryogenic Distribution System

Speaker

Xinbo Dong

11:45-12:00

An experimental analysis of flow and mass transfer characteristics of cryogenic liquid nitrogen and oxygen countercurrent on the structured packing

Speaker

Yixuan Teng

12:00-12:15

Heat transfer and vapor behavior on microstructure surface in liquid nitrogen for application to cryopreservation of living cells

Speaker

Masakazu Nozawa

12:15-12:30

Development of a cryogenic detection chain for low field MRI

Speaker

Bastien Dassonneville

12:30-12:45

Operation and control of superfluid helium in a Healthcare device

Speaker

Ernst Wolfgang Stautner

12:45-13:00

Implementation and Enhancement of Safety Measures in SST-1 Cryogenic System at 77 K and 4.2 K

Speaker

Rajiv Sharma

13:00