

Session Program

18-22 May 2025



CEC/ICMC 2025 Abstracts & Technical Program

C20r2C - Large Scale Cryogenic Systems V: Analysis and Modeling

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

Tuesday 20 May

11:15

C2Or2C - Large Scale Cryogenic Systems V: Analysis and Modeling

Session | Location: Capri 4

11:15-11:30

C2Or2C-01: Analysis of quench safety and cryogenic energy recovery for FRIB High Transmission Beam Line magnets

Speaker

Dr Nusair Hasan

11:30-11:45

C2Or2C-02: Protection of the SFRS Local cryogenic system against catastrophic pressure increase and sizing of safety valves

Speaker

Jaroslav Polinski

11:45-12:00

C2Or2C-03: Modelling two-phase He II flow for heat load limits in EuXFEL cryomodules for CW operation

Speaker

Dr Aman Kumar Dhillon

12:00-12:15

C2Or2C-04: System-scale dynamic simulation of the 400W@1.8 K Test facility at CEA Grenoble: experimental validation on steady state and transient configurations (towards new applications)

Speaker

Dr Jérôme Pouvreau

12:15-12:30

C2Or2C-05: Development of a simulation code for analyzing pressure and temperature fluctuations in the J-PARC cryogenic moderator system

Speaker

Dr Hideki Tatsumoto

12:30-12:45

C2Or2C-06: Advancing 1D thermo-hydraulic tools for large cryogenic facilities

Speaker

Romain Bruce

12:45