

Session Program

18-22 May 2025



CEC/ICMC 2025 Abstracts & Technical Program

C20r4B - Instrumentation, Visualization, and Controls II

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

Tuesday 20 May

16:15

C2Or4B - Instrumentation, Visualization, and Controls II

Session | Location: Capri 2/3

16:15–16:30

C2Or4B-01: The Use of Temperature Sensors for Liquid Hydrogen Testing at NASA Glenn Research Center

Speaker

Wesley Johnson

16:30–16:45

C2Or4B-02: Cernox® versus germanium cryogenic temperature sensor stability comparison over the 1 K to 27 K temperature range

Speaker

Scott Courts

16:45–17:00

C2Or4B-03: Particle Levitation Velocimetry for boundary layer measurements in high Reynolds number liquid helium turbulence

Speaker

Yinghe Qi

17:00–17:15

C2Or4B-04: Accelerator cavity quench spot detection using particle tracking velocimetry

Speaker

Yousef Alihosseini

17:15–17:30

C2Or4B-05: Replacement and expansion of the cryogenic control system for the Electron Ion Collider at Brookhaven National Laboratory

Speaker

Patrick Talty

17:30–17:45

C2Or4B-06: Fermilab PIP-II CDS & CM Cryogenic Controls System

Speaker

Pratik Patel

17:45–18:00

C2Or4B-07: Design, installation and commissioning of the cryogenic control system for the DALS cryogenic test facility

Speaker

Haining Li

18:00–18:15

C2Or4B-08: The design of a flow boiling visualization experiment for liquid hydrogen

Speaker

Ian Wells

18:15