

Session Program

18-22 May 2025



CEC/ICMC 2025 Abstracts & Technical Program

M10r4B - Insulation & Impregnation Materials: Polymeric Materials

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

Monday 19 May

16:15

M1Or4B - Insulation & Impregnation Materials: Polymeric Materials

Session | Location: Naples 4/5

16:15-16:45

M1Or4B-01: [Invited] Thermal Conductivity of Polymer Aerogels at Different Vacuum Levels for Cryogenic Insulation Applications

Speaker

Ryan Ehresman

16:45-17:00

M1Or4B-02: Dynamic Thermal Conductivity of Polyimide Aerogels at Cryogenic Temperatures

Speaker

Sadeq Malakooti

17:00-17:30

M1Or4B-03: [Invited] Quantifying the relation between strain energy release rate and heat generated in the CTD-101K epoxy resin magnet impregnant at cryogenic temperatures

Speaker

Prof. Herman ten kate

17:30-17:45

M1Or4B-04: Study on the Feasibility of Using TELENE® Resin for HTS Superconducting Magnets

Speaker

Daniele Turrioni

17:45-18:00

M1Or4B-05: Elimination of Training in Nb3Sn and NbTi Superconducting Magnets

Speaker

Prof. Emanuela Barzi

18:00-18:15

M1Or4B-06: Composite cryogenic hydrogen insulated lightweight lined storage (C-CHILL)

Speaker

Sascha Stevens

18:15