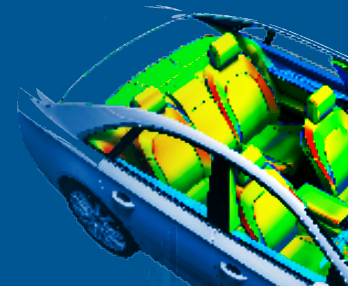




EVENT-AT-A-GLANCE THERMAL MANAGEMENT SYSTEMS SYMPOSIUM

October 4 - 5, 2022



October 4 TUESDAY

8:30 am - 9:30 am

Keynote - Paul Mueller, Zoox

Tackling the Thermal Problem of Driving Autonomously in All Weather Conditions

9:30 am - 10:00 am

Networking Break in Exhibit Hall

Sponsored by ThermoAnalytics

10:00 am - 12:30 pm

Technical Sessions:

Thermal Systems for Hybrid and Electric Vehicles & Thermal Simulation/Analysis/Modeling

12:30 pm - 2:00 pm

Networking Lunch in Atrium

(Dessert & Coffee with Exhibitors)

2:00 pm - 2:45 pm

Keynote - Ahmad Persaran, NREL

Advancements in Battery Thermal Management and Safety Systems for Electrified Vehicles

2:45 pm - 3:45 pm

Networking Break in Exhibit Hall

3:45 pm - 5:00 pm

Panel Discussion: Advances in Heat Pumps

5:00 pm - 6:30 pm

Networking Reception & Chat with the Experts in Exhibit Hall

October 5 WEDNESDAY

8:30 am - 9:30 am

Keynote - Tim Grewe, General Motors

GM's Ultium Architecture and Thermal Energy Recovery System

9:30 am - 10:00 am

Networking Break in Exhibit Hall

10:00 am - 12:30 pm

Technical Sessions:

Vehicle Climate Control, Cabin Comfort, and Cabin Air Quality & Thermal Systems and Energy Management

12:30 pm - 2:00 pm

Networking Lunch in Atrium

(Dessert & Coffee with Exhibitors)

2:00 pm - 2:45 pm

Keynote - Adrian Schaffer, Ricardo

Evolution in Vehicles from Electrification to Autonomous with a High Level of Thermal Management

2:45 pm - 3:45 pm

Networking Break in Exhibit Hall

3:45 pm - 5:00 pm

Panel Discussion: Thermal Challenges of the Future Propulsion System

EXHIBIT HOURS

Tuesday 10:00 am - 6:30 pm

Wednesday 10:00 am - 3:30 pm

REGISTRATION HOURS

Tuesday 8:00 am - 5:00 pm.

Wednesday 8:00 am - 3:30 pm