The Call for Presentation Portal is now open until April 26, 2024!

Thermal management is a critical driver of vehicle performance, durability, and cost. Its scope includes vehicle propulsion systems (ICE, hybrid, and electric), batteries, cabin comfort, waste heat recovery, energy efficiency, and emissions control. The Thermal Management Systems Symposium (TMSS) brings together key stakeholders from OEMs, suppliers, and academia to share their knowledge and vision to deliver the future of the automobile from a thermal standpoint.

TMSS Organizers are inviting technical presentations in several thermal management areas, including: battery thermal performance, electric vehicle range and charging impacts, cooling of electronic components, ICE powertrain thermal performance, emissions after-treatment and waste heat recovery enhancements, compact heat exchangers, cabin and passenger comfort, refrigerant systems, heat exchangers and intelligent control devices, vehicle underhood and underbody temperature assessment and packaging as well as latest developments in physical testing, integration of cooling with climate control, simulation software, and optimization of control system strategies based on thermal requirements.

Topics Under Consideration

- Thermal Systems for
  - Hybrid and Electric Vehicles
  - Autonomous and Connected Vehicles
  - Fuel Cells Vehicles
  - Commercial and CON/AGG Vehicles
  - Batteries
- Vehicle Systems
  - Autonomous Interior Climate Management
  - Cabin Air Quality & Human Factors
  - Underhood and Underbody
  - Thermal Management
  - Thermal Management Strategies
  - Thermal Modeling and Simulations
  - Powertrain Energy Management
  - Waste Heat Recovery
  - Automotive Thermal Systems and Components
- Regulatory
- Alternative Refrigerant Systems (R-744, R-123yf, other refrigerants)

Abstract and PowerPoint presentation acceptance are based upon an extensive organizer review process. See “how to submit” for details.

Panel Discussions with Senior Industry Experts will also be included in the technical program.