



SAVE THE DATE!

# THERMAL MANAGEMENT SYSTEMS DIGITAL SUMMIT

October 12-14, 2021 | Online & On-Demand

Call for presentations now open!

Submit a presentation for consideration as part of our 2021 program.

Deadline for submissions: March 15, 2021

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 Digital Summit 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. Speaking at the event will establish you as a subject matter expert while helping advance the field of thermal management for the automotive industry.

Presentations are invited 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. The digital summit will also consider the 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

- Automotive Thermal Systems and Components
- Thermal Systems for Hybrid and Electric Vehicles
- Thermal Systems for Autonomous and Connected Vehicles
- Autonomous Interior Climate Management
- Thermal Systems for Fuel Cells Vehicles
- Thermal Systems for Commercial and Off-Road Vehicles
- Vehicle Climate Control and Thermal Comfort, incl. Cabin Air Quality & Human Factors
- Vehicle Underhood and Underbody Thermal Management
- Thermal Management Strategies
- Thermal Modeling and Simulations
- Powertrain Energy Management
- Waste Heat Recovery
- Regulatory Topics
- Developments in Alternative Refrigerant Systems (R-744, R-123yf, other refrigerants)

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

## Opportunity to Publish with SAE International's Scholarly Journals

SAE is soliciting technical paper submissions for a special issue of *SAE International Journal of Passenger Cars: Mechanical Systems*, which will be tied to presentations at TMSS 2021. If not appropriate for journal publication, a paper may still be published through our written-only technical paper portal, but should first be submitted through the journal portal. Only papers to be presented at TMSS 2021 should be submitted for consideration in this special issue. If not presented at TMSS 2021, accepted manuscripts will be transferred to a regular issue of the journal. <https://www.editorialmanager.com/saejpasscarsmech>

## HOW TO SUBMIT AN ABSTRACT

Each abstract must be submitted online to only ONE session.

Abstracts must include:

1. Tentative title
2. Summary that states objective of presentation
3. Name of author and co-authors with all contact information
4. Selection of most appropriate technical session

Abstract and presentation acceptance will be based on an organizer-moderated peer review.

Submission Deadlines

- Abstracts due March 15, 2021
- Draft presentations (PowerPoint) due: June 15, 2021
- Organizer feedback due to presenters: July 16, 2021
- Final PowerPoint presentation due for organizer approval: August 15, 2021
- Final presentations and .mp4 file of recorded presentation due: August 31, 2021

Upon submission, you will receive an automatic reply with a presentation offer number. If you do not receive a number, please retry the submission or contact [brandie.schandelmeier@sae.org](mailto:brandie.schandelmeier@sae.org).

Need Help?

Click here for more information or contact Brandie Schandelmeier at +1.724.772.7191 or [brandie.schandelmeier@sae.org](mailto:brandie.schandelmeier@sae.org) for assistance.

[Click to Submit Abstract](#)