

7th

SAENIS TTTMS Conference & Exhibition-2024

Innovation for Sustainable Mobility



 **DELHI NCR, INDIA**

 **19 - 21 SEPTEMBER, 2024**

Contact Us

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ABOUT CONFERENCE

SAENIS TTTMS Thermal Management Systems Conference is an annual flagship conference organized by SAE Northern India Section in collaboration with SAE International. The conference-2024 is scheduled to be held from 19th to 21st September 2024 at Delhi NCR, India. It brings together industrial experts, the policy makers & academia veterans to highlight & address the concurrent issues & latest technological trends & advancements in Thermal Management Systems for the automotive industry. Considering the technology trends & market demands for thermal management systems, the theme of the conference is, "Innovation for Sustainable Mobility". This is the 7th edition of the conference starting from 2018 (Opening Chapter).

The global auto industry is now at the cusp of a structural change brought in through innovation and technological advancements. The Indian automobile industry is central to a country's economy, be it growth, affordable mobility solutions, consumer confidence or attaining a global stature. The Indian automobile industry is contributing 7.1% of the country's GDP, employing 8 million people directly and over 29 million people indirectly, through the backward and forward linkages. India is the Largest 2-wheeler and 3-wheeler producer, 2nd largest heavy bus producer, 4th largest heavy truck producer, 4th largest car producers and 7th largest light commercial vehicle producers in the world. By 2026, the industry aims to be 3rd largest in the world, contributing to 12% of India's GDP. (Source: SIAM). Are you interested in knowing the current & contemporary technological advancement & trends in thermal management systems for automotive applications? Do join us & participate in the conference to be a part of the experts talk & panel discussions over such topics from various industrial experts & academia veterans.



SAE Northern India Section (NIS), is one of the five sections in India for promoting membership from Industries, Institutions and Technical colleges and for organizing activities related to mobility engineering in the Northern India Region. Northern Section has been regularly organizing technical lectures, Seminars and Conferences for its members. Besides, this society also organizes technical lectures, expositions, training programs, visit to Industries, scholarships and awards for student members.



SAEINDIA is a premier professional society that serves the mobility Engineering Community engaged in the design, manufacturing and service of self-propelled vehicles and systems that move in and, air, space and sea. It has a glorious track record of 25 years in service to the mobility community. It has 4,000+ professional members and 40,000 student members. SAEINDIA is the largest strategic alliance partner of SAE International.



SAE International is a global association of more than 1,28,000 engineers and related technical experts from over 100 countries representing aerospace, automotive and commercial vehicle industries, committed to advancing mobility knowledge and solutions for the benefit of humanity. By engaging nearly 200,000 engineers, technical experts and volunteers, it connects and educates mobility professionals to enable safe, clean, and accessible mobility solutions. It acts on two priorities: encouraging a lifetime of learning for mobility engineering professionals and setting the standards for industry engineering.



AGENDA

Day 1: Sept 19, 2024 (Thursday)	India Cooling Action Plan Real Drive Emissions Vehicle Climate Control Thermal Simulation/Modeling, Testing & Validation
Day 2: Sept 20, 2024 (Friday)	Faster Adoption & Manufacturing of Hybrid & Electric Vehicles Corporate Average Fuel Economy Thermal Systems for Electric & Hybrid Vehicles Alternate Heating & Cooling Concepts
Day 3: Sept 21, 2024 (Saturday)	SAENIS TTMS Student Case Study Championship-2024

NOTE:

Paper submission through SAE International - My Tech Zone & selected technical papers will be published through SAE International. The presentation of the selected papers will be done through SAENIS TTMS Conference & Exhibition-2024. The time limit for the each paper presentation would be 15 minutes (12 Mins Presentation + 3 Mins Q&A) in the conference.

TOPICS

Future Policy Requirements

(Invited Speakers & Selected Technical Presentations)



Faster Adoption & Manufacturing of Hybrid & Electric Vehicles



Corporate Average Fuel Economy



India Cooling Action Plan



Real Drive Emissions

Current & New Technology Trends

(Industry and Academia Participants)



Thermal Systems for Electric & Hybrid Vehicles



Thermal Simulation/Modeling, Testing and Validation



Vehicle Climate Control



Alternate Heating & Cooling Concepts

NOTE: Technical session panel topics include: vehicle climate control, automotive power-train cooling, vehicle underhood thermal management, human factors including thermal comfort and cabin air quality, alternative refrigerants, thermal system and components, thermal systems for hybrid and electric vehicles, thermal systems for heavy and off-road vehicles, thermal simulation/analysis/modeling, waste heat recovery and regulatory topics.

Registration FEE

CATEGORY*	STUDENT		ACADEMIA		INDUSTRY		FOREIGN PARTICIPANTS	
	Author	Delegate	Author	Delegate	Author	Delegate	Author	Delegate
SAE Member	INR 1000	INR 1500	INR 2500	INR 3500	INR 7500	INR 8500	USD 100	
Non-SAE Member	INR 1500	INR 2000	INR 4000	INR 4500	INR 8500	INR 9500	USD 150	

*Tax Excluded

