

2nd IEEE International Conference on Vehicular Technology and Transportation Systems (ICVTTS) 2025

19-20 September 2025, Bengaluru - INDIA

Call for Papers and Proposals

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Conference Website

www.ieeevtsbangalore-icvtts2025.online



ABOUT THE CONFERENCE

The IEEE Vehicular Technology Society (VTS) is an applications-oriented society of IEEE, with technical activities concentrated around three pillars: Wireless Communications, Land Transportation, and Motor Vehicles. VTS activities are carried out by volunteers, including reviewers, editors, conference organizers, standards committee participants, and local chapter volunteers. VTS Bangalore is one of the dynamic and vibrant societies in the region. Tremendous growth is seen in recent years in the automobile industry. Research and development, innovation, number of applications in land, underwater and space has significantly increased. ICVTTS is conceived to create a platform to bring them together. We solicit full paper unpublished work and even not under consideration anywhere.

Please submit the paper through CMT paper management system:

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Interested researchers/engineers and encourage them to submit their research work, development of product, innovation in the following areas (not limited to):

- Advanced Drivers Assistant Systems
- Autonomous and Connected Vehicles
- Autonomous Navigation and Docking Systems in Spacecraft
- Blockchain-Based Security Mechanisms for Vehicle-to-Everything (V2X) Communication
- Cryptographic Protocols for Intra-Vehicle and Inter-Vehicle Communication
- Cybersecurity Frameworks for Over-the-Air (OTA) Software Updates in EVs
- Design and Control of Reaction Wheels and Momentum Management Systems
- Digital Forensics in Automotive Systems: Tools and Techniques
- Digital Twinning, maps and Location Technology
- Drive-by-wire controls
- Drone Traffic Management
- Drone to Drone Communication
- Electric Propulsion Technologies for Satellite and Deep Space Missions
- Energy Storage and Distribution for Space Mobility Platforms
- Future Horizons: Charting the Evolution of 6G and Beyond
- HCCI Controls
- High-Efficiency Electric Drive Systems for EVs and Aerospace Applications
- In-Wheel Motor Design and Integration for EVs
- In-car Electronics and Embedded Integration
- Infotainment in Vehicle
- Intelligent Transportation Systems
- Intelligent and Smart Highway
- Intrusion Detection and Prevention Systems (IDPS) for In-Vehicle Networks
- LiDAR/RADAR and other Sensors/Communication for Smooth Traffic
- Logistic and Supply Chain
- Mobile/Wireless Communication in Transportation and Vehicular Networks
- Multimodal Transportation Systems
- Navigation and Control
- Navigation and Signaling
- Penetration Testing and Vulnerability Assessment of Connected Vehicles
- Plasma-Based Propulsion Systems for Spacecraft
- Railroad Transportation and Signaling
- Safety Control Systems
- Smart Speed Controls
- Software-Defined Vehicles and Centralized Vehicle Control Architectures
- Solid-State Battery Integration for High-Power Electric Propulsion
- Submarine Networks
- Terrestrial and Non terrestrial Communication including Underwater Vehicle Networks
- Thermal Management Techniques in Electric Propulsion Units
- Traffic Control and Discipline
- Unmanned Aerial Vehicle Communications and Telematics
- VANETS
- Vehicle Power Systems
- Vehicle Stability Controls
- Vehicle Traction Power Control/Conversion
- Vehicle-2-X

IMPORTANT DATES

Paper Submission

15 June, 2025

Notification: (on rolling basis)

Within 3-weeks

Camera Ready Submission

Within one week

Tutorial/Workshop/Demo/Panel/Special Session

Submission - 15 June, 2025

Notification – 30 June 2025

Publication

- Submitted papers will undergo review process after plagiarism check.
- All accepted and presented papers (including invited) would be submitted to IEEE Xplore for possible publications.
- Strictly follow the author guidelines and template from the link- <https://www.ieee.org/conferences/publishing/templates.html>