

# **Advances in Autonomous Driving and Vehicular Networks (ADVnet)**

## **Message from the chairs**

We are delighted to welcome you to the Advances in Autonomous Driving and Vehicular Networks (ADVnet) Workshop at the 17th International Conference on COMMunication Systems & NETWORKS (COMSNETS) 2025.

The 10th workshop on ADVnet will be held in conjunction with COMSNETS 2025, highlighting the significance of Intelligent Transportation Systems - an amalgamation of cutting-edge technologies and communication used in traffic control and management systems to improve the sustainability, effectiveness, and safety of vehicular networks.

This special workshop in COMSNETS 2025 brings together engineers, researchers, and practitioners from various disciplines to discuss the latest breakthroughs in autonomous driving technologies and vehicular networks. As the landscape of transportation continues to evolve, these innovations are central to shaping the future of smart cities, mobility, and safety.

ADVnet 2025 will feature two keynote talks from distinguished experts: Prof. Vijay Gopal Kovvali from IISc Bengaluru will explore the pivotal role of Intelligent Transportation Systems (ITS) in enhancing traffic safety in Indian scenarios, and Prof. Bhargava Rama Chilukuri from IIT Madras will present innovative methods for local traffic state estimation, aimed at improving ego vehicle awareness in dynamic environments. The event will also include expert talks on cutting-edge topics, including the role of Generative AI and Cybersecurity in the automotive industry and the feasibility of integrated autonomous last-mile delivery. Additionally, ADVnet will showcase two research talks from early-career scholars and four oral presentations selected through a competitive review process.

We sincerely thank all the authors, speakers, reviewers, and participants for their invaluable contributions. Your engagement is essential in making this workshop a vibrant and enriching experience. We encourage you to actively participate, share your ideas, and take full advantage of the opportunities to form strong research collaborations across various domains.

For the detailed schedule of ADVnet 2025, please go through the conference page: ([Link](#)).

Thank you once again for being part of ADVnet 2025, and we look forward to an inspiring and impactful workshop!



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