VEHICULAR 2025

Forward

The Fourteenth International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR 2025), held between March 9th, 2025, and March 13th, 2025, in Lisbon, Portugal, continued a series of international events considering the state-of-the-art technologies for information dissemination in vehicle-to-vehicle and vehicle-to-infrastructure and focusing on advances in vehicular systems, technologies and applications.

Mobility brought new dimensions to communication and networking systems, making possible new applications and services in vehicular systems. Wireless networking and communication between vehicles and infrastructure have specific characteristics from other conventional wireless networking systems and applications (rapidly changing topology, specific road direction of vehicle movements, etc.). These led to specific constraints and optimizations techniques; for example, power efficiency is not as important for vehicle communications as it is for traditional ad hoc networking. Additionally, vehicle applications demand strict communications performance requirements that are not present in conventional wireless networks. Services can range from time-critical safety services, traffic management, to infotainment and local advertising services. They introduce critical and subliminal information. Subliminally delivered information, unobtrusive techniques for driver's state detection, and mitigation or regulation interfaces enlarge the spectrum of challenges in vehicular systems.

We take the opportunity to warmly thank all the members of the VEHICULAR 2025 technical program committee, as well as all the reviewers. The creation of such a high-quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and effort to contribute to VEHICULAR 2025. We truly believe that, thanks to all these efforts, the final conference program consisted of top-quality contributions. We also thank the members of the VEHICULAR 2025 organizing committee for their help in handling the logistics of this event.

We hope that VEHICULAR 2025 was a successful international forum for the exchange of ideas and results between academia and industry for the promotion of progress in the field of vehicular systems, technologies, and applications.

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