VEHICULAR ANALYTICS 2024

Forward

The First International Conference on Vehicular Systems (VEHICULAR ANALYTICS 2024), held on November 17-21, 2024 in Valencia, Spain, inaugurates a series of events dedicated to analyzing solutions and challenges concerning dedicated frameworks, architectures, applications, software/hardware, tools and apps, experimental systems, and lessons learned.

All traffic (terrestrial, aerial, maritime, underwater) has started experiencing hybrid vehicles (manned and unmanned) sharing the same infrastructure and facing similar situations. Moreover, both kinds of vehicles are exposed to critical and sudden events (incidents, crowds, pedestrians) as well as long planned decisions (paths, speed, lights, predictive events). It is essential that real-time information is shared by traffic vehicles in a secure and trusted way, regardless of whether they are autonomous or operated by a human.

Artificial Intelligence (AI)-based decisions, Datasets and Deep learning-based traffic patterns, 5G/6G-based communication, Blockchain-based security, Cloud-based computing, and Cognitive approaches have led to advanced driving assistance systems, guidance, and safety use of the common transportation infrastructure. This conference was very competitive in its selection process and very well perceived by the international community. As such, it attracted excellent contributions and active participation from all over the world. We were very pleased to receive a large amount of top quality contributions.

We take here the opportunity to warmly thank all the members of the VEHICULAR ANALYTICS 2024 technical program committee as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and efforts to contribute to the VEHICULAR ANALYTICS 2024. We truly believe that thanks to all these efforts, the final conference program consists of top quality contributions.

This event could also not have been a reality without the support of many individuals, organizations and sponsors. We also gratefully thank the members of the VEHICULAR ANALYTICS 2024 organizing committee for their help in handling the logistics and for their work that is making this professional meeting a success.

We hope the VEHICULAR ANALYTICS 2024 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in vehicular systems research. We also hope that Valencia provided a pleasant environment during the conference and everyone saved some time for exploring this beautiful city

VEHICULAR ANALYTICS 2024 Publicity Chair

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