VEHICULAR 2015

Forward

The Fourth International Conference on Advances in Vehicular Systems, Technologies and Applications (VEHICULAR 2015), held between October 11 - 16, 2015 - St. Julians, Malta, continued a series of 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 with 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 are introducing 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.

The conference had the following tracks:

- Fundamentals on communication and networking
- Challenges

Similar to the previous edition, this event attracted excellent contributions from all over the world. We were very pleased to receive top quality contributions.

We take here the opportunity to warmly thank all the members of the VEHICULAR 2015 technical program committee, as well as the numerous 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 that dedicated much of their time and effort to contribute to VEHICULAR 2015. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations and sponsors. We also gratefully thank the members of the VEHICULAR 2015 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope VEHICULAR 2015 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the field of vehicular systems, technologies and applications. We also hope that St. Julians, Malta provided

a pleasant environment during the conference and everyone saved some time to enjoy the beauty of the city.

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