



Global Information Infrastructure and Networking Symposium (GIIS 2018)

October 23-25, Thessaloniki, Greece



collocated
with



Special Session

Vehicular networks – from theory to practice

Organizers: **Dimitrios D. Vergados** (University of Piraeus, Greece), **Angelos Michalas** (Technological Educational Institute of Western Macedonia, Greece) and **Dimitrios J. Vergados** (Technological Educational Institute of Western Macedonia, Greece)

Call for Papers

Vehicular networking is an active area of research, with the objective to improve road safety and traffic management, to assist the driver and also to allow for additional services such as entertainment. The vehicles are equipped with an on-board unit (OBU), and may communicate either among themselves directly or with roadside units (RSUs). This enables the operation of distributed applications, such as notifications for road conditions (accidents, closed roads, bad road surface), situation aware routing, real-time collision prediction/avoidance, etc.

We invite original contributions on theoretical and practical aspects of vehicular networks. Topics of interest include but are not limited to:

- Vehicular application testbeds/demos
- 5G networking for vehicular applications
- Vehicle/RSU system standards
- Vehicular communications standards
- Intelligent traffic management applications
- Road safety applications
- Driver assistance applications
- Standardization aspects of security and privacy in vehicular networking
- Edge computing for support vehicular applications
- Simulation tools/platforms for vehicular networks
- Open source vehicular applications
- Vehicular cloud
- Smart Cities, transportation systems and IoT platforms
- Vehicular communications with services
- Vehicular technologies and digital culture

Prospective authors are invited to submit high-quality original technical papers following the rules of the Main Tracks of GIIS 2018 for presentation at the conference and **publication in the GIIS 2018 Proceedings and IEEE Xplore**, using EDAS, at <https://www.edas.info/newPaper.php?c=24414&track=92776>.

Important dates

Paper submission deadline: **August 19, 2018 (extended, firm)**

Notification of paper acceptance: **September 5, 2018**

Camera Ready Papers: **September 15, 2018**

Website: <http://giis-2018.org>

Email: info@giis-2018.org

GIIS 2018 Organizing Committee

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Track 1: Next Generation Networking and Communications

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Track 2: Internet of Things

Jesus Alonso-Zarate, CTTC, Spain

Shahid Mumtaz, Instituto de Telecomunicacoes, Portugal

Marios Angelopoulos, Bournemouth University, UK

Track 3: Emerging Topics in Communications and Networking

Anna Tzanakaki, University of Bristol, United Kingdom

Nizar Zorba, Qatar University, Qatar

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Track 4: Communication Services, Standardization and Telecom Policies

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