Call for Contributions

Submission:
1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=VEHICULAR+2018+Special
Please select Track Preference as **CITS**

Special track

CITS: Cooperative Intelligent Transportation Systems

Chair and Coordinators

Project Assist. Prof. Dr. Manabu Tsukada, University of Tokyo, Japan tsukada@hongo.wide.ad.jp
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along with
VEHICULAR 2018, The Sixth International Conference on Advances in Vehicular Systems, Technologies and Applications
June 24, 2018 to June 28, 2018 - Venice, Italy
https://www.iaria.org/conferences2018/VEHICULAR18.html

Cooperative Intelligent Transportation Systems (ITS) are systems where the vehicles, the roadside infrastructure, central control centers and other elements exchange information to achieve better road safety, traffic efficiency and comfort of the road users. These cooperative elements share the information by organizing Vehicular Ad-hoc Network (VANET) or using the mobile network (e.g., 3G and LTE) and realizes various cooperative ITS services. To promote wider deployment of such services, many stakeholders made consensus that the communication platform must be based on a common architecture and drive rapid international standardization (e.g., ISO, ETSI, IEEE).

In the near future, autonomous vehicles also will benefit from such communication platforms by enforcing the perception, planning, and decision-making. Also, the drivers and passengers who are free from driving tasks can spend more meaningful time by connecting interoperable Internet systems (e.g., Healthcare, Education, etc.). The communication platform must accommodate the requirements for networking support for the autonomous vehicle such as availability, real-time-ness, reliability, security, etc.

As a result of long research and deployment in cooperative ITS, today, the feasibility tests in field operational test increases the importance for the wider deployment. Authors are invited to submit complete unpublished papers, which are not under review in any other conference or journal.

Topics include, but not limited to:

- Roadside-to-vehicle and vehicle-to-vehicle communication
- Vehicular mobile ad hoc networks (VANET)
- Cross-layer design and optimization for vehicular networks
- Networking support for autonomous vehicle
- Autonomous vehicle in urban environments
- Vehicular data analysis
- Experiments and measurements in field operational test

- Standardization in Cooperative ITS
- Implementation of mobile IP and migration of IPv6
- In-vehicular entertainment

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: ~~March 7, 2018~~ April 28, 2018
- Notification: ~~April 7, 2018~~ May 20, 2018
- Registration: ~~April 21, 2018~~ May 30, 2018
- Camera ready: ~~May 2, 2018~~ May 30, 2018

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format

- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html

Publications

- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

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