

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+2017+Special>

Please select Track Preference as **ACV**

Special track

ACV: Autonomous and Connected Vehicles

Chair and Coordinator

Dr. Abdelhamid Mammeri, Senior Research Scientist, University of Ottawa, Canada

amammeri@uottawa.ca

along with

VEHICULAR 2017, July 23 - 27, 2017 - Nice, France

The Sixth International Conference on Advances in Vehicular Systems, Technologies and Applications

<http://www.iaria.org/conferences2017/VEHICULAR17.html>

Driver Assistant Systems are intended to enhance drivers' safety by preventing crashes before their occurrence. With technologies like collision avoidance system, wildlife detection system and pedestrian detection system, the number of object-vehicle collision will be decreased.

The motivation to pursue research in this field stems from tremendous research needs in the area and the increase number of accidents caused by the rapid growth in the number of vehicles. Indeed, the current generation of driver assistant systems is technically deficient, posing significant threat to life safety and economic well-being of societies. Examples of such systems include object detection system (e.g., pedestrians, animals, traffic signs, etc.), lane markings detection and recognition, services discovery for vehicles, to cite a few. These systems, do not meet the requirements of driver's needs, particularly, in terms of real-time constraints, reliability and efficient communication between vehicles. As such, new vehicular systems are needed. Authors are invited to submit unpublished papers, which are not under review in any other conference or journal.

Topics include, but not limited to:

- Vision-based Advanced Driver Systems
- Animal Detection Systems
- Pedestrian Localization Systems
- Simultaneous Localization and Mapping (SLAM) Systems
- Autonomous and Smart vehicles
- Connected Vehicles and Vehicular Networks
- Visual Cloud Computing

Important Datelines

- Inform the Chair: As soon as you decided to contribute

- Submission: ~~April 5~~ **June 15**

- Notification: ~~May 5~~ **June 22**

- Registration: ~~May 20~~ July 1
- Camera ready: ~~June 10~~ July 1

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.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Paper Format

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

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.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

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=VEHICULAR+2017+Special>

Please select Track Preference as **ACV**

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.iaia.org/registration.html>

Contacts

Abdelhamid Mammeri, University of Ottawa, Canada amammeri@uottawa.ca

Logistics: steve@iaia.org