

Call for Contributions

Note: Onsite and Online Options

In order to accommodate a large number of situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person, but are aware that special circumstances are best handled by having flexible options.

Submission:

1. Inform the Chair: with the Title of your Contribution

2. Submission URL:

<https://www.ariasubmit.org/conferences/submit/newcontribution.php?event=VEHICULAR+2020+Special>

Please select Track Preference as **SiRoS**

Special track

SiRoS: Simulation and Simulators to Study Road Safety

Chairs and Coordinators

Dr. Hocine Imine, COSYS-PICSL, University Gustave Eiffel, IFSTTAR, Marne-la-Vallée, France
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along with

VEHICULAR 2020

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

<https://www.aria.org/conferences2020/VEHICULAR20.html>

October 18 - 22, 2020 - Porto, Portugal

Driving simulators have gradually become a means of improving knowledge in the field of driving. The advantages linked to simulator studies are numerous: no real risk for users, reproducibility of situations, saving time and reducing experimental costs. Their flexibility also makes it possible to test situations that do not exist in reality or exist only rarely and randomly. Simulators also allow the evaluation of new driver assistance systems.

The purpose of this special session is to explore the latest research conducted in the use of simulators in the field of road safety. From the construction of the simulator to the tests carried out, the different methods used as well as the results obtained will be presented.

Topics include, but not limited to:

- Simulators design (Bicycle, Motorcycle, Vehicle)
- Vehicle dynamics validation
- Accidents analysis
- Road users behavior study
- Impact of road characteristics on road safety
- Drivers behavior study

Important Datelines

Submission: August 24, 2020

Notification: September 13, 2020

Registration: September 23, 2020

Camera-ready: September 23, 2020

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+2020+Special>

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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.iaia.org/registration.html>

Contact

Chairs

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