

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=HUSO+2018+Special>

Please select Track Preference as **ADBED**

Special track

ADBED: Analytics on Driver's Behavior, Emotion and Distraction

Chair and Coordinator

Dr. Manolo Dulva Hina, Ph.D.

Enseignant-chercheur | Associate Professor

ECE Paris Ecole d'Ingénieurs | ECE Paris School of Engineering - Paris, France

manolo-dulva.hina@ece.fr

along with

HUSO 2018, The Fourth International Conference on Human and Social Analytics

June 24, 2018 to June 28, 2018 - Venice, Italy

<http://www.iaria.org/conferences2018/HUSO18.html>

This special track deals with the problems related to human factors in safe driving. With the increasing number of road fatalities every year in all parts of the globe, the analytics on the human factor in vehicular accidents have become more relevant more than ever. With the availability of Internet of Things (IoT), connected objects, smart city, and big data, the available technology may be harnessed to analyze the driver's context, including his physical and mental health status, behavior, emotion and distractions. With such analytics, an intelligent system could invoke intervention to inform, warn and even act on behalf of the driver to prevent an accident.

The main aim of this special track is to bring together researchers and practitioners around the world, working on safe driving, to discuss methods, studies, techniques and breakthrough in the analytics of driver's behavior, emotion and distraction. We welcome contributions related to human factors in safe driving.

Prospective authors are invited to submit original papers on topics including, but not limited to:

- Driver's behavior analysis
- Driver's emotion as a factor in traffic accident
- Matters that provoke driver's distraction while driving
- Early detection of malaise and health-related attacks of a driver
- Modeling and knowledge representation of a driver's context
- Human-vehicle interaction system
- Mental and physical health as factors in driving accident
- Advanced driving assistance systems
- The human driver and its environment interaction
- Analysis on fatigue, stress, lack of sleep as factors influencing driver behavior
- Virtual reality to predict a driving event to happen
- Emerging technology (connected objects, IoT, etc.) for driving assistance
- Miscellaneous driving issues

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.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=HUSO+2018+Special>

Please select Track Preference as **ADBED**

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

Chair: Manolo Dulva Hina, manolo-dulva.hina@ece.fr

HUSO logistics: steve@iaia.org