



International Co-operation on
Theories and Concepts in
Traffic Safety

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31st ICTCT Conference in Porto, Portugal
on 25th – 26th October 2018

CALL FOR ABSTRACTS

On the track of future urban mobility: safety, human factors and technology

The next ICTCT conference will be held in Porto, Portugal on 25-26th October 2018, under the main topic “On the track of future urban mobility: safety, human factors and technology”. The conference will be organised in close co-operation with the Research Centre for Territory, Transports and Environment, Faculty of Engineering, University of Porto, Portugal (www.fe.up.pt).

The objective of the conference is to support the understanding of future trends in urban mobility and their implications for the safety of all road users.

An important aspect in this respect is that technological developments must go hand in hand with users’ acceptance and behaviour. Therefore, we are interested in studies analysing topics such as the role of human factors in road safety and how technology advancement in urban transportation can influence road users and vice versa. Contributions featuring innovative methods and tools for the assessment of road safety and the reduction of the impacts of road crashes in cities, particularly focusing on vulnerable road users, are also welcomed. A non-exhaustive list of topics includes:

- Emerging data for road safety;
- Sustainable urban mobility and technology development;
- Safety assessment for urban transport planning;
- Automated driving: levels of automation, public acceptance, and ethical considerations;
- Interaction between road users, vehicles and infrastructure;
- Interaction between different types of road users: drivers, pedestrians and cyclists;
- Driver information systems and driver distraction;
- The contribution of technology to a safe systems strategy.

Presentations should, as far and as much as possible, be based on empirical studies with the goal to improve the understanding of road users’ risks, behaviours and their responses to the conditions in which they take part in traffic. Theoretical contributions related to these issues are welcomed as well. As usual, ample time for discussion will be given to ensure a comprehensive view on the different topics.

! We are glad to announce that the ICTCT sub-committee on **Surrogate Safety Measures (SSM)** organises a **special session** on SSM. The scope of the sessions are practical and methodological studies using non-accident events in traffic for safety diagnosis. This includes (but is not limited to) traffic conflict observations, analysis of near misses in naturalistic data and the use of microscopic simulations together with SSAM or similar models. Authors aiming at presenting in this session should mark the checkbox “SSM special session” during the submission process to ensure the correct assignment of reviewers.



Submission Process

The submission process will be managed with the help of EasyChair. For submitting an abstract please use the following link: <https://easychair.org/conferences/?conf=ictct2018>

If you have used this system before, you can use the same username and password. If this is your first time using EasyChair, you will need to register for an account by clicking on "sign up for an account". After completing your registration, you will get a notification email from the system with a link which allows you to upload and re-upload the paper to the system by the submission due date. Your **extended** abstract (500-700 words) should include the following points:

- Background;
- Aim;
- Method or methodological issues;
- Results obtained or expected;
- Conclusions.

Deadline for submitting an abstract is 1st June 2018.

The assessment will be based upon the following criteria: *i*) relevance for the topic; *ii*) scientific quality and *iii*) likelihood to stimulate discussion.

The organisation committee has the right to assign a particular contribution for an oral or poster presentation. The authors will be informed about this decision by June 30.

Information regarding travel, accommodation and registration will follow soon and will also be available on www.fe.up.pt/ictct2018

Important information concerning the full paper:

ICTCT offers all authors the possibility to publish full papers on the ICTCT website.

Moreover a possibility will be given to publish your paper in a special issue of a scientific journal. Further information will follow soon.

Deadline for full text submissions is December 31, 2018.

Travel grants:

ICTCT offers travel grants up to 300 euro for ICTCT members from countries of C & D categories (World Bank definition, see lists www.ictct.org/join/how-to-join/) whose abstract got accepted for presentation. Max 2 persons can be sponsored. Please send your applications at the latest on May 31 to clemens.kaufmann@factum.at.