



15<sup>th</sup> International NECTAR Conference  
Helsinki, Finland, 5 - 7 June 2019

**Call for papers for the thematic session of Cluster 8 ICT**

**Innovations in human scale mobility systems**

Emerging Information and Communication Technologies (ICT) are a driving force for innovations to improve the mobility system, often referred to as “smart mobility.” Developments like connected and autonomous vehicles, electrification and mobility as a service could be, in theory, beneficial for society in improving the mobility system and quality of life (e.g. less congestion, fewer emissions and fewer accidents). However, several factors influence the (potential) adoption and impact of these innovations in practice. Next to behavioral aspects of travelers (e.g. understanding current behavior, response, willingness and possibilities to adapt), governance and business cases will influence the deployment and success of these innovations and the ultimate benefits they provide to society.

**Topics of interest**

On this background the topics of interest for the special sessions might include, but are not limited to:

- New ICT related mobility innovations
- Impact of smart mobility/ICT
- Business and value cases of smart mobility
- Governance of smart mobility
- Data analytics for understanding current behavior

Deadline for abstract submission: January 21, 2019. Abstracts should be submitted electronically, using the form available on the Conference website:

<https://www.helsinki.fi/en/conferences/towards-human-scale-cities-open-and-happy>

A copy of the abstract should also be sent to Emmanouil Tranos ([e.tranos@bham.ac.uk](mailto:e.tranos@bham.ac.uk)).

Criteria for acceptance: scope, scientific quality and NECTAR membership. Authors of selected abstracts are invited to submit an extended abstract (1000 words) before April 30. The extended abstracts will be published on the conference page of the NECTAR website, accessible to NECTAR members only. The number of participants of this thematic cluster session will be limited to 8.

**Venue:**

The NECTAR conference will be organized by the University of Helsinki and Aalto University. The Venue is the main building of the University of Helsinki. Built in 1832 this historical building is located in the heart of Helsinki, easily reachable by public transport.

**Participation and NECTAR membership**

Registration, meals and accommodation for two nights will be offered to NECTAR members, for only one author per paper. Two nights of hotel accommodation will be offered to participants who have confirmed their participation by sending copies of travel tickets before April 30, 2019. All practical details will be communicated through the conference website. In order to participate in the Conference, a consecutive and current two-year NECTAR membership is necessary (2019-2020). Non-members can find details of how to join the association on the "Membership" page of NECTAR's website: [www.nectar-eu.eu/membership](http://www.nectar-eu.eu/membership)

**Important dates:**

Abstract submission: January 21, 2019.

Notification of acceptance: February 25, 2019.

Submission of extended abstracts: April 30, 2019

Confirmation of attendance: April 30, 2019

Looking forward to meeting you Helsinki!

**Cluster 8 organizers:**

Emmanouil Tranos, University of Birmingham, UK

Elizabeth Mack, Michigan State University, USA

Tuuli Toivonen, University of Helsinki, Finland

Luc Wismans, University of Twente, the Netherlands

**NECTAR** is a European-based scientific association. The primary objective is to foster research collaboration and exchange of information between experts in the field of transport, communication and mobility from all European countries and the rest of the world. It is a multidisciplinary social science network bringing together a wide variety of perspectives on transport and communication problems and their impacts on society in an international perspective. For further information on NECTAR, use the link: <http://www.nectar-eu.eu>.