



16th International NECTAR Conference
Toronto, Canada, 20 - 22 July 2022

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

Digitalization a gift or curse for policy making

Mobility is increasingly dependent on digital infrastructure to provide opportunities for Mobility as a Service and Connected and Cooperative Automated Mobility technologies and services. It also leads to data generation, which can be used to better manage operations (public and private), but also to better understand and predict behavior. The proliferation of mobility-related data presents an opportunity for the research and policy communities to understand personal mobility and related social and economic impacts of personal mobility behavior. To understand the dynamics of personal mobility and related social and economic impacts. The influence of private parties on the usage of the mobility system increases as a result of these services, but also the supply of mobility options for travelers and their knowledge of the system as a result of the data they are able to collect. These private parties do not necessarily have similar objectives as public infrastructure authorities. Although high expectations are related to the digitalization, it might also result in a degraded mobility systems performance, economically and socially. As a result governments potentially loose opportunities to steer towards societal goals. There is a need for well organized ecosystems and a better understanding of the impact of these new technologies and services.

We invite papers discussing the following specific topics of interest:

- ICT related mobility innovations
- Impacts of smart mobility/digitization
- Data analytics understanding social and economic aspects of mobility behavior
- Influence of private companies on the transport system
- Policy and governance aspects public private ecosystems

Deadline for abstract submission: February 28, 2022. Abstracts should be submitted electronically, using the form available on the conference website and following the instructions found there:

<https://nectar2022.artsci.utoronto.ca>

A copy of the abstract should also be sent to Luc Wismans: l.j.wismans@utwente.nl and Elizabeth Mack: emack@msu.edu.

Criteria for acceptance

Criteria for acceptance are scope, scientific quality, NECTAR membership and the possibility to fit the presentation in a coherent conference session. We allow one paper presentation per participant. The number of participants of this thematic cluster session will be limited to 8. Abstracts out of scope for the thematic session can be transferred to a general sessions of the conference.

Venue

The NECTAR conference will be organized by the University of Toronto and hosted on its downtown St. George campus. Founded by royal charter in 1827, the University of Toronto is Canada's largest and top-ranked university, located in a growing global city with direct air connections to over 60 countries.

Participation and NECTAR membership

Registration, meals, and accommodation for one night will be offered to NECTAR members, for only one author per paper. One night of hotel accommodation will be offered to participants who have confirmed their participation before May 31, 2022. One night of hotel accommodation might be charged in case of late cancellations. 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 (2021-2022). Non-members can find details of how to join the association on the "Membership" page of NECTAR's website: www.nectar-eu.eu/membership

COVID-19 considerations

For most travelers, entry into Canada requires proof of full vaccination. In addition, the University of Toronto requires proof of full vaccination for many activities that occur on campus. Please refer to the NECTAR 2022 conference website for up-to-date COVID-19 related requirements.

Important dates:

Abstract submission: February 28, 2022.

Notification of acceptance: March 31, 2022

Confirmation of attendance: May 31, 2022

We look forward to seeing you in Toronto!

Cluster 8 organizers:

Emmanouil Tranos, Elizabeth Mack,

Tuuli Toivonen and Luc Wismans

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 from an international perspective. For further information on NECTAR, use the link: <http://www.nectar-eu.eu>.