

Call for Contributions

Submission:

1. **Inform the Chairs:** with the Title of your Contribution

2. **Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SIMUL+2019+Special>

Please select Track Preference as **SIMPUTT**

Special track

SIMPUTT: The Use of Simulation Models for Creating Timetables in Public Transportation

Chair and Coordinator

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along with

SIMUL 2019, The Eleventh International Conference on Advances in System Simulation
November 24, 2019 to November 28, 2019 - Valencia, Spain
<https://www.iaria.org/conferences2019/SIMUL19.html>

Public transport operates in almost every city in the world and its role in every day's travels is constantly growing. However, in order to become a viable alternative to individual means of transport - public transport must offer high quality in all aspects of operation: availability (in terms of space and time), high reliability, safety, attractive tariff system, high comfort (at every step of travel) and attractive network of lines.

Reliability is particularly important, expressed by the acceptable time of the entire trip (door to door), competitive in relation to car travel and unchangeable travel time (high probability that the trip will take place within the prescribed time), as well as high punctuality and regularity of operation. In order for these requirements to be met - there is a need to provide realistic timetables.

Scheduled travel times must be adapted to changing traffic conditions. This is a difficult practical issue, because many disturbing factors, often with a random nature of influence, affect the traffic of public transport vehicles. This opens the field for the use of advanced simulation methods that enable the determination of optimal travel times, also in real time. Therefore, this special track is devoted to the use of simulation methods in the design of better public transport.

Topics include, but not limited to:

- Modeling of scheduled travel times of public transport vehicles
- Influence of the number of passengers on time losses of public transport vehicles
- Procedures for creating timetables in practice
- Simulation of public transport traffic in urban networks

These are only suggestions; we welcome papers discussing other issues related to the creation of timetables in public transportation.

Important Datelines

Inform the Chair (see Contacts below): as soon as you decide to contribute
Submission: Sep 18, 2019
Notification: Oct 17, 2019
Registration: Oct 27, 2019
Camera-ready: Oct 27, 2019

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=SIMUL+2019+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>

Contacts

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