



2nd CALL FOR PAPERS

7th International IEEE Conference on Models and Technologies for Intelligent Transportation Systems (MT-ITS2021)

Heraklion, June 16-18, 2021

<https://mt-its2021.org/>

The chair of Transportation System Engineering of the Technical University of Munich (TUM) is organizing the 7th IEEE International Conference on Models and Technologies for Intelligent Transportation Systems (MT-ITS 2021) to be held on June 16-18, 2021 in Heraklion, Crete, Greece.

In line with the previous conferences in Rome (2009), Leuven (2011), Dresden (2013), Budapest (2015), Naples (2017), and Krakow (2019), IEEE MT-ITS 2021 aims to bring together researchers and practitioners from across Europe and the rest of the world to discuss emerging trends and developments in modelling and technology for ITS, to present state-of-the-art updates and to facilitate cross-fertilization between these two key areas of transportation systems. Attendees will experience a friendly and creative environment involving experts from science, industry and the public sector.

Keynote speakers

Prof. Kay Axhausen, ETHZ (Zurich), Switzerland

Prof. Kara Kockelman, UT Austin, USA

Prof. George Yannis, NTUA, Greece

Scope

Contributions from prospective authors in any aspects of modeling and technologies for ITS are welcome, related to passenger and freight transportation and to all transportation modes, including but not limited to the following topics:

- Autonomous vehicles
- Transport modelling and control under ITS
- ITS solutions for transport policies and transport analysis
- Model calibration, simulation and tools for ITS
- ITS and multimodal transportation systems
- ITS and public transport
- ITS and freight systems
- ITS and big data
- ITS and equity
- ITS and smart cities
- Future mobility data collection
- ICT and mobility:
- ITS/ICT and health
- COVID-19 and recovery to normality
- MaaS and emerging trends in mobility
- Sustainable mobility
- ITS for safer roads and mobility
- Rail operations and management

Paper submission

Accepted papers will be submitted for inclusion in the Scopus indexed IEEE Xplore Digital Library conference proceedings (Conference number 49943). A full paper (max. 6 pages) can be submitted until October 1st, 2020. All accepted papers will be presented at podium sessions.

Proposals and requests for special sessions are also welcomed. Dedicated presentation and networking sessions will be organized to encourage applications from students. Amongst all submitted full papers, a (i) best paper and a (ii) young lead author (under 35) best paper will be awarded.

Template available at <https://www.ieee.org/conferences/publishing/templates.html>

Special Issues

Two Special Issues will be organised following the conference in the *IEEE Open Journal on Intelligent Transportation Systems*, and the *Journal of Intelligent Transportation Systems: Technology, Planning and Operation*. More details will follow.

Important dates

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| ▪ Paper submission deadline: | October 1st, 2020 |
| ▪ Notification of acceptance and recommendation for Special Issue: | December 15th, 2020 |
| ▪ Final paper due and early registration: | February 15th, 2021 |
| ▪ Conference: | June 16-18, 2021 |

Organizing committee

Honorary Chairs

- Moshe Ben-Akiva - *Massachusetts Institute of Technology*
- Markos Papageorgiou - *Technical University Crete*

General Chairs

- Constantinos Antoniou - *Technical University of Munich*
- Guido Cantelmo - *Technical University of Munich*
- Emmanouil (Manos) Chaniotakis - *University College London*

Technical Programme Chair

- Marialisa Nigro - *Roma Tre University*

Publication Chair

- Achille Fonzone - *Edinburgh Napier University*

Dissemination Chair

- Raoul Rothfeld - *Technical University of Munich*

Contact

For further information visit <https://mt-its2021.org/> or contact info@mt-its2021.org.