Call for Papers

MT-ITS was established in 2009 and has evolved in a strong community that meets biannually to present contributions in the field of Models and Technologies for Intelligent Transportation Systems. The 7th MT-ITS conference will be held on 16-18 June 2021 in Crete, Greece. In this special issue of the IEEE Open Journal of Intelligent Transportation Systems, we invite selected papers of exceptional quality to submit original contributions in all areas pertinent to methods and technologies for Intelligent Transportation Systems.

Authors will be asked to extend their papers (70% new content) in line with the IEEE Publication Policy.

The technical areas include but are not limited to:

- Transport modelling and control under ITS
- ITS solutions for transport policies and transport analysis
- Model Calibration, simulation and tools for ITS
- ITS and multimodal transport systems
- ITS and public transport
- ITS and freight system
- ITS and big data
- Future Mobility data collection
- ICT and mobility
- MaaS and emerging trends in mobility
- ICT and mobility
- MaaS and emerging trends in mobility
- Sustainable mobility
- ITS for safer roads and mobility
- Rail operations and management
- ITS and smart cities

Submission deadline: May 15, 2021
Publication date: Jan 15, 2022

Papers will be published upon acceptance, regardless of the Special Issue publication date. Extended and revised papers from IEEE MT-ITS 2021 (16-18 June 2021, Heraklion, Greece, https://mt-its2021.org) will be accepted.

Guest editors:

Dr. Emmanouil Chaniotakis  University College London (UCL)  United Kingdom
Prof. Constantinos Antoniou  Technical University of Munich (TUM)  Germany
Raoul Rothfeld  Technical University of Munich (TUM)  Germany

Paper Submission Link: https://mc.manuscriptcentral.com/oj-its (open from June 1, 2021, choose manuscript type MT-ITS2021)

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Constantinos Antoniou is a Full Professor in the Chair of Transportation Systems Engineering at the Technical University of Munich (TUM), Germany. He holds a Diploma in Civil Engineering from NTUA (1995), a MS in Transportation (1997) and a PhD in Transportation Systems (2004), both from MIT. His research focuses on modelling and optimization of transportation systems, data analytics and machine learning for transportation systems, and human factors for future mobility systems. In his 25 years of experience he has held key positions in a number of research projects in Europe, the US and Asia, while he has also participated in a number of consulting projects. Costas has a proven track record in attracting competitive funding in both national and international levels. He is/has been PI of several research projects (e.g. H2020 iDREAMS, MOMENTUM, Drive2thefuture, DFG DVanPool and Trampa), and has contributed considerably to the preparation of a large number of funded proposals, in the national and international level. He has authored more than 400 scientific publications, including more than 125 papers in international, peer-reviewed journals, 250 in international conference proceedings, 3 books and 20 book chapters. He is a member of several professional and scientific organizations, editorial boards (Member of the Editorial Board of Transportation Research – Part A: Policy and Practice, Transportation Research – Part C, Accident Analysis and Prevention, Accident Analysis and Prevention, Journal of Intelligent Transportation Systems, Smart Cities; Deputy Editor in Chief of IET Intelligent Transportation Systems; Associate Editor of Transportation Letters; Editor of EURO Journal on Transportation and Logistics).

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