Special Issue

Intelligent Transportation Systems Design, Control and Optimization

Message from the Guest Editors

This Special Issue calls for contributions that leverage the new attempts or applications enabled by meta-driven methods to design, model, learn, control, and optimize either conventional or future transportation systems to meet the needs of different perspectives or levels, like efficiency, safety, timeliness, humanization, etc. Topics included in this Special Issue will consider, but are not strictly limited to, the following:

- Meta-based modelling and system design to better capture the intricate interplay between people, vehicles, and road infrastructure in ITSs.
- Meta-data construction and processing methods of multi-source ITS data.
- Meta-analysis for control and management in ITSs.
- Meta-knowledge extraction for system design, solution development, algorithm recommendation, etc.
- Meta-heuristics in optimization solution development for ITS applications.
- Meta-learning in algorithm selection and parameterization; learning-based algorithm for ITS applications.
- Meta-universe technology in platform construction and decision-making for ITSs or smart cities.

Guest Editors

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Deadline for manuscript submissions

closed (15 June 2025)

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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