

Special Issue

Artificial Intelligence for Traffic Understanding and Control

Message from the Guest Editors

This Special Issue will highlight recent advances and emerging trends in the application of data science and AI technologies to improve traffic understanding and control, particularly regarding strategies for developing more advanced intelligent transportation systems (ITSs). Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Deep generative models for traffic generation;
- Deep learning-based traffic forecasting;
- Reinforcement learning based traffic control and management;
- Data-driven traffic understanding;
- Data-driven traffic modeling and simulation;
- Large language models for traffic generation;
- Large language models for traffic analysis;
- Large language models for traffic control and management.

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About the Journal

Message from the Editor-in-Chief

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 guest-edited by leading experts in selected topics of interest.

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