

## Special Issue

# Neural Network for Traffic Forecasting

### Message from the Guest Editors

Traffic forecasting is important for the success of intelligent transportation systems. Deep learning models, including convolution neural networks and recurrent neural networks, have been extensively applied in traffic forecasting problems to model spatial and temporal dependencies. This has been an active field of research dealing with the application of neural networks for traffic forecasting problems, which are at the heart of this Special Issue. We invite you to submit high-quality papers to the Special Issue on “Neural Network for Traffic Forecasting”, with subjects covering the whole range from theory to applications. The following is a (non-exhaustive) list of topics of interests:

- Novel neural networks, e.g., graph convolutional and graph attention networks, spatiotemporal graph neural networks, traffic transformers, temporal convolutional networks, and recurrent neural networks;
- Neural networks for traffic forecasting problems, e.g., road traffic flow and speed forecasting, passenger flow forecasting in urban rail transit systems, and demand forecasting in ride-hailing platforms;
- Open data and source resources for traffic forecasting problems.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 2023)



## Algorithms

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## About the Journal

### Message from the Editor-in-Chief

*Algorithms* are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

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### Editor-in-Chief

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