Special Issue

Design and Application of Intelligent Transportation Systems

Message from the Guest Editors

The design and application of traffic systems can promote the scientific development of traffic planning, maximize the use of traffic infrastructure, further strengthen the management and control of traffic systems, and further standardize traffic behavior. As long as the design of the transportation system can be carried out reasonably and the transportation system is applied in real life, the utilization of the transportation infrastructure and the transportation supply capacity can be effectively improved. At the same time, the rational application of the transportation system can also alleviate the problem of urban traffic congestion to a certain extent. This Special Issue welcomes articles and presentations on the designs and applications of transportation systems, especially on addressing real-world challenges during the deployments of transportation systems. The topics of interest include, but are not limited to, the following:

- Intelligent control and planning in transportation systems;
- Security, privacy, and safety issues in transportation systems;
- Design methodology and analysis of transportation systems.

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About the Journal

Message from the Editor-in-Chief

Designs (ISSN 2411-9660) is a peer-reviewed and open access journal which provides a unifying research framework for a wide range of engineering designs of disciplines and industrial applications, including mechanical engineering, electrical engineering, civil engineering, mechatronics, aerospace engineering, bioengineering, energy engineering, industrial engineering and manufacturing systems are of interest. We would like to invite you to contribute to the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.3 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the first half of 2025).