



*systems*

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## Performance Analysis and Optimization in Transportation Systems

Guest Editors:

**Prof. Dr. Renata Żochowska**

**Dr. Grzegorz Karoń**

**Dr. Marcin Kłos**

Deadline for manuscript  
submissions:

**31 July 2024**

### Message from the Guest Editors

Dear Colleagues,

We invite all theoretician scientists and practitioners to submit articles related to modern solutions used both in performance analyses and in the optimization of transportation systems. Ensuring the appropriate quality of modern transportation systems is a big challenge, which often requires a multi-criteria approach, taking into account the principles of sustainable development. We hope that this special issue on *systems* will be an opportunity to present the results of research and exchange experiences.

Both original research and review works are welcome for submission. Research topics of interest include, but are not limited to, the following:

- Optimization in fleet management;
- Optimal development of public transport;
- Sustainable mobility shaping and planning;
- Safety analyses in transportation systems;
- Optimization of intelligent transport systems.

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*Guest Editors*



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# Special Issue



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### **Prof. Dr. William T. Scherer**

Chair, Department of Systems  
and Information Engineering,  
University of Virginia,  
Charlottesville, VA 22904, USA

## Message from the Editor-in-Chief

*Systems* is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

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