



*systems*



an Open Access Journal by MDPI

## Theoretical Issues on Systems Science

Guest Editors:

**Dr. Gianfranco Minati**

**Prof. Dr. Alessandro Giuliani**

**Dr. Andrea Roli**

Deadline for manuscript  
submissions:

**30 June 2024**

### Message from the Guest Editors

Dear Colleagues,

The concept of systems has been elaborated across almost all disciplinary fields, which allows for interdisciplinary approaches. Research on complex systems has focused, for instance, on models and simulations of processes of emergence, self-organization, and chaos theory.

It is time to theoretically specify various new directions in systems science. The purpose of which is to find higher-level invariants in complex systems, their relations, and their roles in simulations.

Examples of the theoretical issues to be elaborated are: Theoretical incompleteness, Equivalences, Multiplicities, Quasi-systems, Communities of coherences, Re-emergence, Pending systems, Logical openness, Meta-structures, Quantum systems, Remote synchronization, Chaos theory, and The physical role of complex numbers.

The purpose of this Special Issue is to review and introduce open theoretical systems issues, while considering their relations and related models.

Contributors are invited to present approaches, cases, models, proposals, and theoretical frameworks to deal with theoretical challenges.

For more information, please visit:  
[mdpi.com/journal/systems/special\\_issues/9I82555138](https://mdpi.com/journal/systems/special_issues/9I82555138)



[mdpi.com/si/174090](https://mdpi.com/si/174090)

# Special Issue



# systems



an Open Access Journal by MDPI

## Editor-in-Chief

### **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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SSCI (Web of Science), dblp, and other databases.

**Journal Rank:** JCR - Q2 (*Social Sciences, Interdisciplinary*) / CiteScore - Q2 (*Modeling and Simulation*)

## Contact Us

*Systems* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/systems](http://mdpi.com/journal/systems)  
[systems@mdpi.com](mailto:systems@mdpi.com)  
[X@Systems\\_MDPI](https://twitter.com/X_Systems_MDPI)