Special Issue

Data-Driven Processing from Complex Systems Perspective

Message from the Guest Editors

This Special Issue considers the fact that driven models bring a novel ingredient in the overall modeling of complex systems. Potential topics of the special issue include but are not limited to:

- Advanced data analysis and/or data visualization in complex models;
- Big data analysis within multifractal analysis or fractional calculus methods in complex systems;
- Advanced topics in fractional calculus and complex systems;
- Quantization optimization algorithms for complex systems;
- AI approaches in complex systems for real-world, universal, and natural phenomena;
- Data-driven stochastic differential equations;
- Machine learning applications in complex data;
- Optimization by deep neural networks;
- Medical algorithmic applications;
- AI applications in signal processing;
- Advanced AI and embedded vision for complex surveillance environments;
- Advanced computational imaging;
- Fractional dynamical models in complex systems;
- Fractal dynamics and kinetics of complex systems;
- Discrete, stochastic, and hybrid dynamics;
- Multifractal systems in real-world, universal, and natural phenomena.

Guest Editors

Prof. Dr. Yeliz Karaca

Prof. Dr. Yudong Zhang

Dr. Khan Muhammad

Dr. Shuihua Wang

Deadline for manuscript submissions

closed (30 April 2023)

Electronics

mdpi.com/journal/
electronics

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.

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

Author Benefits

High Visibility:
indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:
JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Control and Systems Engineering)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2024).