

## Special Issue

# Chaos and Complex Systems in Sensor Networks

### Message from the Guest Editors

The scope of the Special Issue is interdisciplinary, bringing together experts from various fields, such as computer science, electrical engineering, applied nonlinear dynamics, and communications. The Special Issue is designed to be a valuable resource for researchers, practitioners, and engineers working with sensor networks and to provide them with insights into the latest developments and trends in chaos and complex systems. The focus of this Special Issue includes, but is not limited to, the following themes:

- The modeling of chaotic systems in sensor networks;
- Chaos-based sensors;
- Chaotic communications;
- Low-power chaotic oscillators;
- Chaos theory in network security and privacy;
- Nonlinear dynamics and predictive modeling in sensor data;
- Fault detection and diagnosis using chaotic systems;
- Control of chaos in distributed sensor networks;
- Adaptive algorithms for robust sensor network design;
- Energy efficiency and optimization in chaotic sensor networks;
- Reviews focusing on chaos and complexity in sensor networks.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 January 2025)



## Electronics

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## 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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

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