

## Special Issue

# Advances in Wireless Sensor Networks

### Message from the Guest Editors

The main goal of this Special Issue is to offer researchers the opportunity to spread their research works on advances related to the applications and technologies of wireless sensor networks for several application domains such as: precision agriculture, smart grid, smart cities, Industry 4.0, VANETs, 5G and beyond, fog networks, etc. The Special Issue will highlight the state-of-the-art algorithms, cross-layer optimization techniques, architectures and frameworks for next-generation WSNs, networking devices, IoT, fog, and pervasive computing environments. The contribution topics of primary interest include, but are not limited to, the following: Wireless sensor networks and their applications

Ad hoc and mesh networks

Wireless traffic and routing

Wireless multimedia communications

IoT communication protocols

Network performance, QoS techniques and reliability

Energy efficient routing and topology control

Security issues and algorithms

Wireless edge computing and communications

Channel modelling and propagation

Signal processing algorithms and techniques

Applications in precision agriculture, smart cities, connected vehicles, drones, etc.

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### Guest Editors

Dr. Apostolis Xenakis

Prof. Dr. Ilias K. Savvas

Dr. Costas Chaikalas

Dr. Dimitrios Kosmanos

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### Deadline for manuscript submissions

closed (15 June 2024)



## Electronics

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Impact Factor 2.6  
CiteScore 6.1



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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 guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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