

## Special Issue

# New Advances in Distributed Computing and Its Applications

### Message from the Guest Editors

Distributed computing, especially for computing functions in the network, is beneficial for designing systems in a way that allows for joint optimization of computing and networking resources by aiming for tighter integration of computing and networking. Topics of interest for the Special Issue include, but are not limited to, the following:

- Advanced distributed computing architectures, such as edge computing, container-based microservices, and blockchain;
- New optimizations of distributed computing in big data processing and artificial intelligence;
- Innovations and challenges in the synergy between edge computing and cloud computing for intelligent applications;
- Innovative applications and optimizations of distributed systems in blockchain technology;
- Applications of distributed computing in domains like autonomous driving, smart healthcare, smart cities, and intelligent transportation;
- Research on security, privacy, and trust mechanisms in distributed computing;
- Other technologies and applications advocating distributed computing.

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### Guest Editors

Dr. Zhiwei Xu

Dr. Jianer Zhou

Dr. Xueshuo Xie

Dr. Zhao Huang

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### Deadline for manuscript submissions

closed (15 February 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 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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