

## Special Issue

# Advanced Theories, Applications and Techniques in Cloud and Distributed Computing

### Message from the Guest Editor

This Special Issue aims to collect advanced theories, applications, and techniques that address the currently unresolved challenges in cloud and distributed computing. The topics of interest include, but are not limited to:

- Resource allocation and management;
- Job scheduling;
- Heterogeneous task management;
- Task partitioning and assignment;
- Cooperation mechanisms;
- Storage optimization;
- Scalability issues;
- Reliability and dependability;
- Energy management;
- Development and optimization of architectures;
- Data-resilient, fault-tolerant techniques;
- Parallel computing;
- Advanced algorithms for applications (e.g., AI, big data);
- Testbeds and prototypes.

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### Guest Editor

Prof. Dr. Dazhao Cheng

The School of Computer Science, Wuhan University, Wuhan 430072, China

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### Deadline for manuscript submissions

closed (15 September 2024)



## Electronics

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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

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