

Special Issue

Distributed Deep Learning Model System and Applications

Message from the Guest Editors

This Special Issue is dedicated to exploring the latest advancements, methodologies, and applications in the field of distributed deep learning. Topics of interest include, but are not limited to, the following:

- Distributed deep learning architectures and frameworks;
- Scalability and efficiency optimization techniques;
- Communication strategies for distributed training;
- Fault tolerance and robustness in distributed systems;
- Distributed inference and real-time applications;
- Parallel and distributed computing in AI;
- Resource allocation and scheduling in distributed environments;
- Security and privacy in distributed deep learning;
- Federated learning and privacy-preserving distributed models;
- Applications of distributed deep learning in healthcare, finance, and other domains;
- Integration of distributed deep learning with edge and cloud computing;
- Performance benchmarking and evaluation of distributed systems;
- Ethical considerations in distributed deep learning.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2025)



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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.

Editor-in-Chief

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