

Special Issue

Deep Integration of Mobile/Edge Computing and AI

Message from the Guest Editors

This Special Issue is devoted to bringing together original articles that contribute to all aspects of research and development related to the deep integration of mobile/edge computing and AI, aiming to shed light on the state of the art and push the boundaries of the computing landscape. This includes but is not limited to:

- AI-native mobile/edge computing;
- Mobile/edge-native AI;
- On-device/lightweight/personalized machine learning for embedded/mobile/edge systems;
- Online/real-time inference on embedded/mobile/edge systems;
- Federated/distributed machine learning for embedded/mobile/edge systems;
- Data management on embedded/mobile/edge systems;
- AI-native 6G mobile communications and networks/Internet of Things;
- Convergence of sensing, communication, computing, and control for mobile/edge AI;
- AI-driven optimization in mobile/edge computing;
- Hardware/software architectures for mobile/edge AI;
- Secure/privacy-preserving AI for embedded/mobile/edge systems.

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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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