

## Special Issue

# Deep Learning for Next-Generation Wireless Networks

### Message from the Guest Editors

Deep learning (DL), including deep supervised learning, deep unsupervised learning, and deep reinforcement learning, has been a key enabler in future wireless networks, including 5G and beyond (B5G) networks. In this Special Issue, we solicit original, high-quality papers in the field of DL-driven B5Gs, potential topics may include but are not limited to: ☒ DL solutions for medium access control layer functionality, including resource allocation, user association, mobility management, etc. ☒ DL for core network management in B5Gs, including network slicing, virtualization, service deployment/migration, etc. ☒ DL for emerging scenarios in B5Gs, including EURLLC, mMTC, UAV, IIoT, JCS, etc. ☒ DL for fog/edge/cloud computing in B5Gs. ☒ AI-powered energy-efficient network orchestration. ☒ Security and privacy for DL-driven wireless communications. ☒ Testbed, experimental evaluations, and real-world applications of DL techniques in wireless communications.

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### Deadline for manuscript submissions

closed (31 July 2023)



## 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

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