Artificial Intelligence and Machine Learning Techniques for Microwave Technologies

Message from the Guest Editors

Topics of interest for this Special Issue include, but are not limited to, the following:

- AI-Optimized Microwave Circuit Design
- Machine Learning for Microwave Imaging and Sensing
- Deep Learning Techniques for Radar Signal Processing
- AI-Driven Beamforming and Antenna Array Optimization
- Neural-Network-Based Microwave Communication Systems
- Reinforcement Learning in Microwave System Control
- AI-Enhanced Electromagnetic Simulation and Modeling
- ML Applications in Microwave Medical Diagnostics and Treatments
- Cognitive Radio Systems Empowered by AI Algorithms
- AI-Driven Optimization of Microwave Power Amplifiers

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Deadline for manuscript submissions

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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 guest-edited by leading experts in selected topics of interest.

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