



## Artificial Intelligence and Machine Learning Techniques for Microwave Technologies

Guest Editors:

**Dr. Pere L. Gilabert**

Department of Signal Theory and Communications, Universitat Politècnica de Catalunya, 08860 Castelldefels, Spain

**Dr. Telmo Cunha**

Department of Electronics, Telecommunications and Informatics, Universidade de Aveiro—Instituto de Telecomunicações, 3810-193 Aveiro, Portugal

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### Message from the Guest Editors

Dear Colleagues,

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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## Editor-in-Chief

### Prof. Dr. Flavio Canavero

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## Message from the Editor-in-Chief

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Electronics Editorial Office  
MDPI, Grosspeteranlage 5  
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