Application of Neural Networks in Sensors and Microwave Antennas

Guest Editors:

Dr. Marcin Kolakowski
Institute of Radioelectronics and Multimedia Technology, Warsaw University of Technology , Nowowiejska 15/19, 00-665 Warsaw, Poland

Dr. Paolo Tripicchio
Gustavo Stefanini Advanced Robotics Research Center, Scuola Superiore Sant'Anna di Studi Universitari e di Perfezionamento, Pisa, Italy

Dr. Ljubomir Jovanov
IMEC-TELIN-IPI, Ghent University, St-Pietersnieuwstraat 41, B-9000 Gent, Belgium

Deadline for manuscript submissions:
30 May 2024

Message from the Guest Editors

Dear Colleagues,

Over the last few years, neural network applications have thrived in almost every domain of modern science and technology. For this Special Issue, we invite submissions exploring recent advances in the application of neural networks in sensors and microwave antennas. Topics of interest for this Special Issue include, but are not limited to, the following:

- Sensor data processing;
- Implementation of neural networks in sensor devices;
- Machine-learning-based sensor calibration;
- Artificial-intelligence-driven antenna design and optimization;
- Neural-network-based smart antenna arrays;
- Application of neural networks in MIMO antenna systems.

Works that validate the proposed methods at the experimental level will be especially welcome.

Dr. Marcin Kolakowski
Dr. Paolo Tripicchio
Dr. Ljubomir Jovanov
Guest Editors

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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