



## Advanced Antenna Design for 5G, 6G and IoT Communications

Guest Editor:

**Dr. Murat Temiz**

Department of Electronic and  
Electrical Engineering, University  
College London, London WC1E  
7JE, UK

Deadline for manuscript  
submissions:

**closed (15 May 2024)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to publish a collection of novel, innovative and cutting-edge recent research articles on antenna design and optimization, related signal processing techniques, applications of machine learning methods in antennas design, RF energy harvesting and RF front-end design studies for 5G, 6G and future IoT systems. Novel research articles and comprehensive review manuscripts on the state-of-the-art antenna techniques are welcomed. The research topics of this Special Issue include, but are not limited to, the following:

- Antenna design for IoT devices;
- Novel antenna techniques;
- Machine learning and deep learning for antenna systems;
- Antennas design and optimization;
- High-efficiency antennas;
- Antenna and energy harvesting design;
- Impedance matching techniques;
- Circuit design for antennas;
- MIMO and massive MIMO techniques;
- Intelligent reflective surfaces;
- Computational electromagnetic for antennas;
- Antenna arrays;
- Beamforming techniques;
- Miniaturization of antennas;
- THz and mm-wave antennas;
- Antenna design for 5G and 6G networks;
- Antennas design for mobile devices.





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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  
4052 Basel, Switzerland

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