



## Applied Electromagnetism in Modern Engineering and Medical Technologies

Guest Editors:

**Prof. Dr. Ewa Korzeniewska**

Vice-President of Polish Society of Applied Electromagnetism, Faculty of Electrical, Electronic, Computer and Control Engineering, Lodz University of Technology, Stefanowskiego 18/22, 90-924 Łódź, Poland

**Dr. Paweł Kiełbasa**

Department of Machine Operation, Ergonomics and Production Processes, Faculty of Production and Power Engineering, University of Agriculture in Krakow, Krakow, Poland

Deadline for manuscript submissions:

**closed (31 July 2021)**

### Message from the Guest Editors

This Special Issue is based on the activity of the group of scholars dealing with the applications of electromagnetism in electronic and electrical engineering, medicine, computational electromagnetism, modeling and simulation, measurements, and industrial/medical tomography.

The research activity is institutionally under the care of the Polish Society of Applied Electromagnetism ([www.ptze.pl](http://www.ptze.pl)).

This Special Issue will be devoted to the applications of new solutions and computational methods in the following areas:

- Applications of electromagnetism in electronics;
- Applications of electromagnetism in engineering;
- Applications of electromagnetism in medicine;
- Applications of electromagnetism in computer science;
- Bioelectromagnetism and environmental protection;
- Computational electromagnetism;
- Wearable electronics;
- Textronics;
- Electromagnetic materials;
- Medical and industrial applications of tomography;
- Electromagnetism in education and social policy;
- Tomography.





an Open Access Journal by MDPI

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/AtApplsci)