



materials



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Development and Application of 3D Printing Technology in Electromagnetic Devices

Guest Editor:

Dr. Dmitry Isakov
WMG, University of Warwick,
Coventry, UK

Deadline for manuscript
submissions:

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Message from the Guest Editor

Composite materials for 3D printing is especially attractive field that leads to the versatile development of AM for the manufacturing of electromagnetic materials with specially designed subwavelength structures designed to exhibit strong coupling with the electrical and magnetic components of the incident electromagnetic wave. Indeed this opens up new possibilities for novel functional structures utilizing the principles of transformation optics, smart microwave devices, and systems possessing metamaterial features.

This Special Issue is open for all contributors in the field of the application of additive technologies to electromagnetic materials and devices. We invite submissions of novel and original papers and reviews to this Special Issue from the areas that include, but are not limited to:

New materials for 3D printing

Advanced 3D-printable composites

3D-printed devices for EM applications

3D printing for transformation optics

3D printed phase-changeable materials

AM for acoustic and thermal wave applications



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Special Issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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