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Development and Application of 3D Printing Technology in Electromagnetic Devices

Guest Editor:

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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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Message from the Editor-in-Chief

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