

Special Issue

3D-Printed RF Devices and Antennas

Message from the Guest Editors

We live in a wireless world where there are constant pressures to make our communication systems lighter, smaller, cheaper, more efficient, have multiband or wide response, and be more intelligent. One topical area in addressing these challenges is the use of additive manufacturing, which can allow the creation of external and internal shapes that are difficult to replicate using traditional techniques. These extra degrees of freedom allow antenna and RF designers to imagine new structures. In this Special Issue, we invite you to submit papers relating to:

- 3D-printed antennas, devices, and metamaterials;
- new material compositions and formulations;
- new techniques for additively manufacturing structures including printing multiple materials;
- artificial dielectrics;
- lenses;
- graded materials.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2019)



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About the Journal

Message from the Editor-in-Chief

Designs (ISSN 2411-9660) is a peer-reviewed and open access journal which provides a unifying research framework for a wide range of engineering designs of disciplines and industrial applications, including mechanical engineering, electrical engineering, civil engineering, mechatronics, aerospace engineering, bioengineering, energy engineering, industrial engineering and manufacturing systems are of interest. We would like to invite you to contribute to the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.3 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the first half of 2025).