Special Issue

Electromagnetic Stealth and Shielding Technologies with Optical Transparency

Message from the Guest Editors

In the fabrication area, many precise patterning technologies are involved, including photolithography, electrohydrodynamic (EHD) printing, nanoimprinting, and laser direct-write etching. In the design area, many EM absorber design technologies are used, including equivalent circuit method, characteristic mode method, metamaterial method, and others. This Special Issue invites manuscripts that introduce the recent advances in “EM stealth and shielding technologies with optical transparency”. All theoretical, numerical, and experimental papers are welcome. Topics include, but are not limited to, the following:

- Transparent and conductive oxide, fabrication and characterization;
- Metal mesh, fabrication and characterization;
- 2D nanomaterials applied for EM stealth and shielding;
- Metamaterial design for EM stealth and shielding;
- Design, measurement, and analysis of optically transparent EM absorbers;
- Design, measurement, and analysis of optically transparent EM stealth technologies;
- Design, measurement, and analysis of optically transparent EM shielding technologies.

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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