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Emerging Trends in Metamaterials and Metasurfaces Research

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Message from the Guest Editors

The objective of this Special Issue is to showcase the most current developments in metamaterial design and applications, with a focus on configurations offering advanced properties, versatile functionalities and intriguing applications. We invite you to submit a research paper on the theoretical aspects and/or practical applications of artificially structured media in this Special Issue of *Photonics* entitled “Emerging Trends in Metamaterials and Metasurfaces Research”.

We welcome submissions on topics that include (but not limited to) emerging trends on :

- Nonlinear metamaterials and metasurfaces;
- Reconfigurable and programmable (smart) metamaterials and metasurfaces;
- Spacetime-modulated structures;
- Metamaterials and metasurfaces for enhanced imaging capabilities;
- Active metamaterials and metasurfaces;
- Metamaterials and metasurfaces for biomedical applications;
- Metamaterials and metasurfaces for wavefront control;
- Topological metamaterials and metasurfaces;
- Extreme wave phenomena in metamaterials and metasurfaces ;
- Metamaterial antennas and sensors.



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Special Issue