



Metamaterials

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Deadline for manuscript
submissions:

closed (30 June 2020)

Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to broadly cover up-to-date aspects of theory, design, technology, and characterization related to hyperbolic metamaterials and their current and future applications. We thus invite you to contribute your work in those areas, especially concerning the following topics:

- Effect of nonlocality in HMMs;
- Waveguides and waveguiding systems incorporating HMMs;
- HMM-based spectral and spatial filtering;
- Beam and polarization steering;
- Super-Planckian thermal emission;
- Lasing, light amplification and absorption;
- Nonlinear effects;
- Sensing;
- Technology and characterization;
- Materials, design, and technology for tunable HMMs.

Prof. Paweł Szczepański

Guest Editor





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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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