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Thermal Photonic Metamaterials

Guest Editor:

Dr. Alok Ghanekar

Ming Hsieh Department of
Electrical and Computer
Engineering, University of
Southern California, Los Angeles,
CA 90089, USA

Deadline for manuscript
submissions:

closed (20 January 2024)

Message from the Guest Editor

The proposed Special Issue aims to bring together researchers with expertise in metamaterials and radiative energy to share their findings on various advancements and recent progress in metamaterials, specifically in the modulation and control of thermal radiative transfer.

Topics of interest include, but are not limited to:

- Metamaterials for spectral, directional, and polarization control of thermal radiation;
- Metamaterials for thermo-radiative devices and thermo-photovoltaics;
- Near-field thermal-radiative transfer;
- Active tuning of emissivity;
- Modulation of thermal radiation with phase-change materials;
- Nonreciprocal thermal radiation;
- Metamaterial passive radiative cooling;
- Nonlinear metamaterials for thermal radiation.



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Special Issue



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1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

Message from the Editorial Board

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Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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