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Symmetry and Asymmetry in Photonics: Theory and Emerging Practice

Guest Editor:

Dr. Eusebio Bernabeu

Physics Faculty, Universidad
Complutense de Madrid, 28040
Madrid, Spain

Deadline for manuscript
submissions:

closed (31 August 2020)

Message from the Guest Editor

This Special Issue of *Symmetry* invites you to contribute your original research work and review articles on “Symmetry and Asymmetry in Photonics: Theory and Emerging Practice” that either advance the state-of-the-art of mathematical methods (geometrical configurations in new dressings), or theoretical or experimental studies that extend the bounds of the existing methodologies to new contributions related to the symmetry and/or asymmetry properties. Topics of interest include the following: new photonics crystals configuration, LEDs and OLEDs, LDs, IR and V nano-antennas and detectors, new polarizers, structured light beams, optoelectronic devices (modulators and switchers), among others.



mdpi.com/si/27579

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1. Institució Catalana de Recerca
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Passeig Luis Companys, 23,
08010 Barcelona, Spain
2. Institute of Space Sciences
(ICE-CSIC), C. Can Magrans s/n,
08193 Barcelona, Spain

Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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Symmetry Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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