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Nanophotonic Devices and Technologies

Guest Editors:

Dr. Raktim Sarma

Center for Integrated
Nanotechnologies, Sandia
National Laboratories,
Albuquerque, NM 87123, USA

Dr. Sylvain Gennaro

Center for Integrated
Nanotechnologies, Sandia
National Laboratories,
Albuquerque, NM 87123, USA

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Message from the Guest Editors

Dear Colleagues,

Light–matter interaction at the nanoscale is an extensively-researched topic both for fundamental reasons and practical applications ranging from sensing, biomedical imaging, energy harvesting, holography, and new light sources to lasers. In complex media, the complexity of light–matter interaction originates from a spatially-varying refractive index profile of the photonic medium as random media or as periodic structures like photonic crystals and metasurfaces. They are attractive for studies as these engineered materials can exhibit new optical functions possibly not found in nature. In this Special Edition, we will focus on advances in the areas of controlling light–matter interactions at the nanoscale using complex photonic media such as random media, photonic crystals, metamaterials, and metasurfaces. We are seeking publications in the form of original research articles or review papers addressing these recent advancements.

Sincerely,
Dr. Raktim Sarma
Dr. Sylvain Gennaro
Guest Editors



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Special Issue



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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
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