Special Issue

Active Nano Optics

Message from the Guest Editors

In this Focus Issue, we have the ambition to cover classical areas of nano-optics, including nanophotonics and plasmonics, and go beyond those and towards quantum effects, for instance, strong coupling and quantum plasmonics. This issue will be covering how cutting-edge technologies and ground-breaking ideas in nano-optical research can be combined in an interdisciplinary approach to address fundamental challenges in nanooptics and define new routes for applications in the classical and quantum domain. The main focus for applications of nanoscale optics and photonics is on quantum communication and sensing, including single photon detection and generation, biophotonics, and materials science.

Prof. Dr. Andre Stefanov

Guest Editors

Prof. Dr. Branko Kolaric

Dr. André Stefanov

Prof. Dr. Brana Jelenkovic

Deadline for manuscript submissions

closed (30 March 2022)

About the Journal

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.

Editor-in-Chief

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