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## Active Nano Optics

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### Message from the Guest Editors

Dear Colleagues,

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.

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