



Emerging Applications of Dielectric and Plasmonic Nanostructures: From Design to Fabrication

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Message from the Guest Editors

The aim of this Special Issue is to highlight the most recent developments of research on dielectric and plasmonic nanostructures and to promote cross-fertilization between different research fields. The topics covered include, but are not limited to, a wide range of research areas, either from the experimental or theoretical points of view, including numerical modeling, nanofabrication, and characterization.

- Design, fabrication, and characterization of plasmonic and dielectric nanostructures
- Dielectric and plasmonic components for interconnections
- Photonic and plasmonic sensors
- Optical tweezing
- Novel optical fibers and fiber-based devices
- Biophotonics
- Silicon photonics, indium phosphide, silicon nitrate, and other technologies
- Integrated and wireless optical networks
- Photonic crystal devices
- Metamaterials and metasurfaces

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