



Optical Functionalization of Nanomaterials

Guest Editor:

Dr. Massimo Cazzanelli

Department of Physics, University
of Trento, via Sommarive 14,
38123 Povo, Italy

massimo.cazzanelli@unitn.it

Deadline for manuscript
submissions:

closed (31 July 2020)

Message from the Guest Editor

Nanomaterials are at the core of many future applications. Their optical functionalization is an important step toward their use in many fields, such as biosensing, photocatalysis, and sensing of magnetic/electric fields in harsh environments. For this Special Issue, we are accepting papers addressing viable routes for nanomaterial synthesis, characterization, and device development.

Potential topics include but are not limited to recent advances in the following areas:

- Nanomaterials
- Material synthesis
- Laser ablation
- Optical sensing
- Fluorescence
- Evanescent field sensing
- Biosensing
- Nanodiamonds
- Nitrogen vacancy centers in diamonds
- Quantum dots
- Water splitting
- Photocatalysis
- Space applications of nanomaterials





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Editor-in-Chief

Prof. Dr. Takayoshi Kobayashi

Advanced Ultrafast Laser
Research Center, The University
of Electro-Communications, 1-5-
1, Chofugaoka, Chofu, Tokyo
182-8585, Japan

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
MDPI, St. Alban-Anlage 66
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