



New Advances in Novel Optical Materials and Devices

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The optical materials and devices field continues to grow and plays a key role in new developments in areas such as biomedical devices, imaging, optical communication networks, optical storage media, and photovoltaics. The research activities in these areas require the use and control of electromagnetic radiation in the ultraviolet, visible, or infrared spectral regions, and optical materials and devices are tools that can perform such functions.

We are pleased to invite you to submit original research articles and review papers within the scope of surface and interface science and engineering. Research areas may include (but are not limited to) the following:

- Thin and thick films for optical devices;
- Characterization techniques for optical materials and devices;
- Dyes, pigments and their intermediates with application in optical materials and devices;
- Surface science applied to optical materials and devices;
- Fundamental and functional properties of optical materials and devices;
- Theoretical and computational modeling of optical materials and devices.

We look forward to receiving your contributions.





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Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

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