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Recent Advances in Optical Thin Films

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Message from the Guest Editors

Dear Colleagues,

This Special Issue will present results of state-of-the-art research in the field of optical coatings. Optical coatings are one of the core technologies in modern optical fields. Recent progress in the field of materials, design theory, instruments, and techniques of optical coatings opens up a new avenue for developing advanced thin-film optical filters, low-loss coatings, high-power laser coatings, and novel functional optical coatings that are capable of solving numerous complex problems in areas, such as biomedical, laser systems, security, remote sensing, astronomy, and aerospace. Considering this rapid progress, *Photonics* intends to publish a special section to capture the most recent advances of optical coatings.

- Novel coating materials
- Design
- Deposition Process Technologies
- Characterization of optical coatings
- Coatings for advanced application.