



Design, Manufacturing and Measurement of Optical Film Coatings

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Message from the Guest Editor

Optical coatings have been widely applied in various optical devices to perform antireflection, high reflection, beam splitting, and bandpass filtering. Optical coatings are desired that offer more advanced performances, such as ultra-thin perfect absorption, perfect phase retardation, and wide angle bandpass filtering.

Contributions to this Special Issue are welcomed on all subjects related to including design, manufacturing and measurement of manufacturing of optical thin film coatings. Especially, welcome are papers that raise new questions and new possibilities or examine old problems from a new angle.





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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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