

Special Issue

Thin Film Coatings for Sensing and Optical Applications

Message from the Guest Editor

We would like to invite you to submit your work to this Special Issue entitled “Thin Film Coatings for Sensing and Optical Applications”. Thanks to the technological developments over the last decade, the deposition techniques for thin film coatings changed, enabling the fabrication of novel sensors including bio-sensing, gas-sensing and optical-sensing applications. The aim of this Special Issue is to present the latest experimental and theoretical developments in the field, through a combination of original research papers and review articles from leading groups around the world. In particular, the topics of interest include, but are not limited to:

- Gas-sensing applications;
- Optical devices;
- Bio-sensing applications;
- Electrochemical applications;
- Theoretical studies of thin-film coatings;
- The development of deposition techniques.

I look forward to receiving your contributions.

Guest Editor

Prof. Dr. Artur M. Rydosz

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Deadline for manuscript submissions

closed (31 December 2023)



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About the Journal

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.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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