

Thin and Thick Films: Deposition, Characterization and Applications

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Message from the Guest Editors

In particular, the topics of interest of this Special Issue include, but are not limited to, the following:

- Combining different characterization techniques to obtain accurate interpretation of coating structure and composition;
- Techniques for reduction of the number of defects in coatings;
- Failure analysis as a way for characterization and improvement of coatings;
- Optimization of a deposition process from an application-specific viewpoint;
- Tailoring the deposition process for specific applications;
- Use of non-destructive techniques in situ for deposition process monitoring and optimization.



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Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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