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Fabrication, Characterization, and Application of Coatings and Thin Films (Volume II)

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Message from the Guest Editor

Today's equipment and technologies for structuring and patterning provide sophisticated tools for further perfection of the surface. The art of coating and thin film technologies starts before their deposition by placing proper emphasis on the processing of precursors and particles for adjusted monolayered films or hybrid coatings. Sometimes, the fixation of nanomaterials in coatings or at surfaces also enables specific features. Last but not least, signals from the coating or thin film enable smart interactions and coating communication with or coating reaction on the environment.

It is desirable to ensure long durability, wear and corrosion resistance, as well as friction adjustment. These aspects need to be tested before coated materials are released for practical applications. Although this is a long-standing topic, this Special Issue aims to address the latest trends in surface engineering and coatings technology. Our aim is to combine results from experts in different fields to stimulate interest in the trends and successes from one special field and application to another.



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Special Issue



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Message from the Editor-in-Chief

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