



Analytical Techniques Applied to Thin Films and Coatings

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Message from the Guest Editor

Dear Colleagues,

Various analytical techniques are used for deposition and/or characterization of thin films and coatings. Depending on the area of application, the thickness of the deposited film or coating can vary from sub-nanometers in optical and electrochemical sensors to millimeters in corrosion protection and other industrial applications. The topics of interest for this Special Issue include (but are not restricted to) application of analytical techniques to thin films and coatings in:

- Chemical or physical modification of surfaces;
- Sensor development;
- Characterization of modified surfaces;
- Corrosion protection;
- Any other aspects of deposition/characterization of thin films and coatings.

Dr. Solomon Tesfalidet
Guest Editor





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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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