

Special Issue

Thin-Film Synthesis, Characterization and Properties

Message from the Guest Editor

Thin film is an important field in materials science, electrical engineering, and applied solid state physics. Advances in thin films throughout this century have enabled a wide range of technological breakthroughs in the fields of surface engineering, corrosion, biomaterials, energy generation and storage, microfabrication, computer manufacturing, and physical devices. This Special Issue invites manuscripts on the synthesis, fabrication, processing, characterization, properties, and applications of thin films. In particular, the topics of interest include but are not limited to:

- Synthesis and fabrication;
- Characterization and applications;
- Surfaces and interfaces;
- Nanomechanics of thin films;
- Properties of thin films;
- Thin film devices.

Guest Editor

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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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