

Special Issue

Thin Films for Advance Applications

Message from the Guest Editors

Thin films is an important field in materials science, electrical engineering, and applied solid-state physics. Advances in thin films during this century have enabled a wide range of technological breakthroughs in the fields of surface engineering, corrosion, energy generation and storage, microelectronics, 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 Editors

Prof. Dr. Waseem Haider

School of Engineering and Technology, College of Science and Engineering, Central Michigan University, Mount Pleasant, MI 48859, USA

Prof. Dr. Maria Teresa Vieira

Centre for Mechanical Engineering, Materials and Processes, Department of Mechanical Engineering, University of Coimbra, Rua Luis Reis Santos, Polo II, 3030-788 Coimbra, Portugal

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editors-in-Chief

Prof. Dr. Wei Pan

State Key Laboratory of New Ceramics and Fine Processing, School of Materials Science & Engineering, Tsinghua University, Beijing 100084, China

Dr. Emerson Coy

NanoBioMedical Centre, Adam Mickiewicz University in Poznań, ul. Wszechnicy Piastowskiej 3, 61-614 Poznań, Poland

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