

Special Issue

Printed Functional Thin Films for Electronic, Optoelectronic and Sensing Applications

Message from the Guest Editors

Printing techniques are extensively employed to deposit and pattern controlled amounts of liquid-phase functional materials. They represent an important alternative to traditional manufacturing in order to produce functional films with suitable geometry, due to the ease of fabrication, design flexibility, compatibility with different type of functional materials and substrates. These factors make printing technologies attractive for academic and industrial research teams working in different fields, including microelectronics manufacturing, biomedical applications, and photonics manufacturing. This Special Issue offers the opportunity to present novel progress in the field of printing of thin films providing insights into the chemico-physical, morphological, and structural properties of printed products and also advances in geometries, architectures, and processes. The topics of particular interest include but are not limited to printed functional thin films for different applications in sensing, electronics, and optical fields. For further reading, please click the following link:

https://www.mdpi.com/journal/coatings/special_issues/Thin_Films_Inkjet_Printing

Guest Editors

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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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