Special Issue

Science and Technology of Flexible Films and Devices

Message from the Guest Editor

The science and technology of flexible thin-films and devices, associated with the development of novel functional thin films (organic and inorganic semiconducting, conducting, and insulating materials), the exploitation of advanced film deposition methods (chemical/physical vapor deposition, spin-casting, printing, etc.), mechanics design of flexible devices (computational simulation and experiments), and the fabrication of thin-film devices (micro-FAB, assembly, integration, etc.) are extremely important for both academia and industry. This Special Issue will serve as a forum for papers in the following concepts, but not limited to these:

- Materials for flexible thin films and devices;
- Novel deposition and processing techniques for flexible thin films and flexible devices;
- Mechanics designs and computational simulations for flexible thin films and flexible electronics;
- Applications of flexible thin films and flexible devices;
- Physics and chemistry of thin films and thin-film devices;
- Novel thin-film devices showing potential for flexible electronics.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2022)

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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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