

Special Issue

Semiconductor Thin Films: Fabrication, Properties and Applications

Message from the Guest Editor

Semiconductor thin films are important structures for use in micro- and nanoelectronics, and optical communication and biological systems, in devices such as thin-film transistors, planar waveguides, solar elements, LEDs, and gas sensors. The synthesis of semiconductor thin films and the acquisition of physical information about their structural, optical and electronic properties is very important for the development of new stable devices based on them. The new Special Issue of *Coatings* will include original research articles and review papers written by leaders in the field of semiconductor science and technology. We look forward to receiving your contributions.

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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