

Special Issue

Semiconductor Thin Films

Message from the Guest Editor

This Special Issue of *Coatings* on “Semiconductor Thin Films” will closely follow the research in the field of semiconducting materials for various applications. Semiconducting thin films show a vast variety of physical properties—the focus here is on semiconducting properties that open up the path to novel electronic/optoelectronic/magnetic devices. The aim of this Special Issue is to present the latest experimental and theoretical developments of the semiconducting thin films in the various applications, through a combination of original research papers and review articles from leading groups around the world. In particular, the topics of interest include, but are not limited to:

- Semiconductor thin films for electronic/energy/power devices
- Optical/photonic/optoelectronic semiconductor thin films
- Magnetoresistive/thermomagnetic semiconductor thin films
- Growth and fabrication methods
- Physics, characteristics, and reliability

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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