

Thin Film Deposition and Characterization Techniques

Guest Editor:

Dr. Pascal Briois

FEMTO-ST institute (UMR CNRS
6174), Université de Technologie
Belfort-Montbéliard, Belfort,
France

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Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue is to promote different thin film technologies for energy and environmental applications. Indeed, today, technological systems are becoming miniaturized and, therefore, surface treatments find a certain interest in various fields, such as electrochemistry, catalysis, and optics. Each article presented in this issue should include a part elaboration using thin film techniques and a dedicated part for the characterization of the films.

In particular, the topics of interest include, but are not limited to:

- Fuel cells materials electrolyte, anode, cathode and/or complete cell,
- Gas sensors,
- Catalysis,
- Transparents conductive oxides

Prof. Dr. Pascal Briois

Guest Editor



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

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

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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Contact Us

Coatings Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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