

Special Issue

Atomic Layer Deposition

Message from the Guest Editor

Atomic Layer Deposition (ALD) has developed from its early beginnings in the Soviet Union and Finland into a process that is critical for microelectronics manufacturing and also extends into many other areas, for example, flexible electronics, displays, anti-corrosion layers, catalysis and pharmaceuticals. This Special Issue of Coatings on “Atomic Layer Deposition” is intended to cover original research and critical review articles on recent advances in all aspects of ALD. In particular, the topics of interest include, but are not limited to:

- ALD processes for materials and devices;
- Characterization of ALD coatings;
- ALD nucleation, growth phenomena and process modelling;
- Applications of ALD;
- Spatial and roll-to-roll ALD processes.

Guest Editor

Dr. David Cameron

Department of Physical Electronics, Masaryk University, Brno, Czech Republic

Deadline for manuscript submissions

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Coatings
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
coatings@mdpi.com

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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.

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

Dr. Emerson Coy

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

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