

## New Advances in Plasma Deposition and Its Applications

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Deadline for manuscript  
submissions:

**closed (31 March 2023)**

### Message from the Guest Editor

I would like to invite you to submit your work for publication in a Special Issue on “New Advances in Plasma Deposition and Its Applications”.

### About the Topics of Interest

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

- Fundamental understanding of plasma deposition;
- Plasma deposition simulation techniques (particle in cell, fluid models, molecular dynamics, ab initio calculations, etc.);
- Characterization and analysis of plasma deposited films;
- Industrial applications (reactor modification, artificial intelligence, automatic process control, etc.).



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# Special Issue

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## Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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