

Physical Techniques for Thin Films Deposition and Surface Treatment: Preparation, Characterization and Applications

Guest Editor:

Dr. Antoniu Moldovan

INFLPR-National Institute for
Laser, Plasma and Radiation
Physics, 409 Atomistilor,
Magurele (Ilfov), 077125
Bucharest, Romania

Deadline for manuscript
submissions:

closed (15 December 2020)

Message from the Guest Editor

Dear Colleagues,

We kindly welcome you to submit your research to the Special Issue “Physical Techniques for Thin Film Deposition and Surface Treatment: Preparation, Characterization, and Applications”. This Special Issue focuses on topics related to laser-based deposition techniques, plasma technology for materials deposition and surface treatment, biomaterials deposited by physical techniques, surface patterning by laser techniques, surface analysis methods by probe microscopy, and electron microscopy.

The topics of interest include, but are not limited to the following:

- Pulsed laser deposition
- Laser treatment and patterning
- Plasma technology for thin films deposition
- Biomaterials
- Scanning probe microscopy
- Electron microscopy

Dr. Antoniu Moldovan
Guest Editor



mdpi.com/si/44747

Special Issue

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

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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Coatings Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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