

Surface Engineering of Biomaterials

Guest Editor:

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Deadline for manuscript
submissions:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue seeks to highlight original research papers or review articles that report on the current state-of-the-art in surface engineering of biomaterials, particularly implants and biomedical devices. The topics of interest include, but are not limited to:

- Mechanical methods:
 - Blasting
 - Polishing
- Chemical and electrochemical methods:
 - Etching
 - Alkali treatment
 - Anodizing
 - Electrophoretic deposition (EPD)
 - Chemical vapor deposition (CVD)
- Physical methods:
 - Physical vapor deposition (PVD)
 - Sputtering
 - Plasma Ion implantation and deposition
 - Laser or electron beam patterning
 - Atomic layer deposition (ALD)
 - Plasma electrolyte oxidation (PEO)
 - Plasma polymerization

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Guest Editor



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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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