



Surface Modification by Plasma-Based Processes

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Message from the Guest Editor

Plasma-based processing technologies are of vital importance to several of the largest manufacturing industries in the world. Most recently, plasma processing technology has been used as a useful tool to modify the surface properties of different materials via the interaction of energetic particles (ions, electrons, neutrals) and photons with surface exposed to plasmas. The aim of this Special Issue is to present the state of the art of plasma technologies for surface modification based on the fundamental approach through a combination of original research papers, short communications, and review articles from leading research groups. I would like to invite you to submit your work to a Special Issue on “Surface Modification by Plasma-Based Processes”.





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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.

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