



Laser Surface Treatments and Additive Manufacturing

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Laser surface processing mainly includes laser cladding, laser quenching, laser surface texture, laser surface alloying, etc. Among them, laser cladding is additive manufacturing, and several other technologies are subtractive manufacturing or equivalent material manufacturing. These techniques are widely used in industry. Exploring new phenomena, new mechanisms, and new applications in laser surface processing has received extensive attention from industry and academia. Therefore, we are launching a new Special Issue of Laser Surface Treatments and Additive Manufacturing to provide a communication channel for relevant researchers. This Special Issue will focus on the fundamental research and application research of the above-mentioned surface processing technologies.

We look forward to receiving your contribution.





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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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