

Special Issue

Innovative Technologies and Materials for Coatings and Surface Treatments

Message from the Guest Editor

The need to obtain components with high quality and performance and excellent functional properties is a critical focus which is common to many industrial and technological domains. This Special Issue aims to collect scientific contributions on new technologies, manufacturing processes, and materials for high-performance coatings and surface treatments. Scientific contributions can be focused on conventional and unconventional manufacturing processes, new materials for high-performance coatings or surface treatments and/or for surface functionalization.

Furthermore, characterization methods and computational approaches for modeling the manufacturing process and material properties (such as numerical simulations, mathematical modelling, optimization, control, etc.), and contributions with environmental impact analysis (LCA) are of interest. For more information, please click the following link:

https://www.mdpi.com/journal/materials/special_issues/Innovative_Technologies_Materials_Coatings_Surface_Treatments

Guest Editor

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Message from the Editorial Board

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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