



Mechanical Properties and Corrosion Behavior of Advanced Materials

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Technological progress is generally delayed, in part, due to the limitations of conventional materials. Adequate corrosion protection and improved mechanical properties are two key aspects of materials science and engineering. Corrosion resistance, requested by several industries, is critically important for not only the durability and longevity of a part but also for maintaining system and component functioning as originally designed. Hence, improving the mechanical and corrosion resistance properties of materials by applying proper heat treatments and surface modifications can lead to significant economical benefits as well as the preservation of resources.

In this Special Issue, modern trends concerning aspects related to the design of novel and advanced materials, or to new or updated processing technologies which can improve either the corrosion protection or the mechanical properties of conventional materials, are highlighted and discussed. It is my pleasure to invite you to submit a manuscript to this Special Issue. Full papers, communications, and reviews are all welcome.





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Message from the Editor-in-Chief

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