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Modeling of the Structure, Properties, Processes and Surface of Materials

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Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue is to publish original scientific papers describing research work devoted to designing the structure, properties, surface and material processes of all kinds of modern engineering materials, with a particular emphasis on computer modelling techniques, such as, for example, finite element method, finite volume method, Monte Carlo method, molecular dynamics, DFT, etc., but also other computer methods aimed at improving the functionality and application of materials.

However, it must be clear that it concerns application in science or engineering and practical use of the results of the designed and tested materials. The focus can be on developing new methods, mathematical models and numerical methods, or using the existing ones, which will help to formulate new conclusions after experimental verification, or after comparison with other methods.



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Special Issue



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Message from the Editor-in-Chief

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