



Computational Materials Modeling, Analysis and Applications

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Message from the Guest Editor

This Special Issue is aimed at publishing original contributions related to the analysis of the behavior of materials by means of computational methods for practical engineering applications. Studies about all types of materials and analyses of different kind of properties are welcome. However, it must be clear that the application in science or engineering is addressed.

The contributions must be focused on computational aspects as the development of new mathematical models and numerical methods, or the application of existing ones in engineering analysis, allowing extracting new relevant conclusions for practical purposes. Results without experimental verification or without comparison with other established models or methods are not recommended.

Keywords

- Metals, polymers, ceramics, composites
- Micro, meso, macro and multi scales
- Properties: mechanical, electrical, optical, thermal, etc.
- Mathematical models, numerical methods
- Science and engineering applications





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Message from the Editor-in-Chief

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