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Innovative Technologies and Materials for High-Performance Components – Volume II

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Deadline for manuscript submissions:

closed (10 January 2024)

Message from the Guest Editors

Dear Colleagues,

The need to obtain components with excellent properties in many industrial fields is a critical issue. Papers related to the advancement of the in-depth understanding of the relationship between manufacturing processes and the resulting properties of components are welcome.

The scope of the present Special Issue includes, but is not limited, to: research related to innovative technologies, manufacturing processes and materials for high-performance components.

Contributions may be related to conventional or unconventional processes, highlighting novelty aspects of processing, manufacturing, coating technology and materials able to obtain high-performance components. In addition, computation methods (such as mathematical modeling, simulation, machine learning, optimization and control) for the estimation of the resulting material properties can also be treated. Articles are also welcome on sustainability and reducing environmental impact.













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Message from the Editor-in-Chief

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