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Processing–Microstructure–Properties Loop in Materials and Metallurgical Engineering

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Message from the Guest Editor

The aim of this Special Issue is to bring together papers that address the mutual relationships between processing–microstructure, microstructure–properties and properties–processing in the field of Materials and Metallurgical Engineering.

Theoretical and experimental works that demonstrate an apparent improvement in the resulting mechanical properties of the materials under investigation are especially welcome.

The processing can involve powder metallurgy, including all ways of consolidation, casting, and thermal and thermomechanical treatment. The characterization of microstructure and mechanical properties can involve all classical as well as progressive methods.



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Special Issue



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