Special Issue

Multiaxial Fatigue: Testing and Modelling

Message from the Guest Editor

The aim of this Special Issue is to share the latest developments of the testing and modelling of multiaxial fatigues; high cycle and low cycle fatigue, creep-fatigue, and thermal fatigue under multiaxial loading, including non-proportional loading. Recently much research has studied multiaxial issues, but many open questions still exist. Especially applications in industry have not reached the stage of practical use, which is of strong interest. Original research and review articles as well as technical letters related to these topics are welcome. This Special Issue is a good opportunity for researchers and engineers to publish experiments, theories and industrial practical uses.

Guest Editor

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Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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