



Fatigue Behaviour of Aluminum Alloys

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Message from the Guest Editors

Dear Colleagues,

The fatigue behaviour of aluminium alloys is observed when aluminium alloys are damaged under the action of alternating stresses. Under the action of alternating pressure over time, micro-cracks are formed in local high-stress areas, and then the micro-cracks are gradually expanded to fractures. Topics of interest for this Special Issue include: novel fatigue testing and characterization methods for aluminium alloys; multiaxial fatigue and complex loading effects of aluminium alloys and structures; fatigue in the very high cycle regime; modelling; applications of technologies associated with fatigue; fatigue analysis of aluminium alloys; and structures based on data science.

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Message from the Editorial Board

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