



Acoustic Emission in Friction

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Message from the Guest Editor

Acoustic emissions (AEs) refer to the transient mechanical waves (ultrasound) produced by the release of elastic energy from irreversible processes occurring in materials under stress. In sliding contacts, AE can be generated from sources associated with various tribological mechanisms, e.g., interfacial plastic deformation, cracks propagation, material transfers, and allotropic transformations.

For the current Special Issue, “Acoustic Emission in Friction”, original papers dealing with AEs of tribological systems are welcomed. This Special Issue aims to bring new insights concerning in situ measurement in the field of tribology.

