



Friction, Corrosion and Protection of Material Surfaces

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Friction and corrosion, which exist widely in engineering instruments, marine equipment, aerospace, artificial joints and other advanced manufacturing fields, are the key factors that cause damage to material (metallic and non-metallic materials) surfaces and the failure of equipment, which has attracted great attention. Therefore, it is crucial to study and understand the friction and corrosion behaviors of material surfaces to guide engineering applications and reduce safety hazards. Recently, the surface protection of traditional materials, such as laser cladding, nitriding treatments, high-performance films and coatings, etc., has gradually replaced the use of expensive high-performance materials, which has become a research focus.

This Special Issue will include the friction and corrosion behaviors of new materials and advanced protective materials, new findings in friction and corrosion mechanisms, advanced protective technologies, and advances in the friction, corrosion and protection of material surfaces. It is my pleasure to invite you to submit original research papers (experiments or simulations), and state-of-the-art reviews for this Special Issue.





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Message from the Editor-in-Chief

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