



New Advances in In Situ Measurements of Friction and Wear Phenomena

Guest Editor:

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Deadline for manuscript submissions:

closed (30 November 2023)

Message from the Guest Editor

Dear Colleagues,

For tribology, the acquisition of information between friction surfaces, which change from moment to moment, is very important. In situ measurements can acquire crucial information on tribological phenomena and changes in their properties in real time.

In the Special Issue entitled "New Advances in In Situ Measurements of Friction and Wear Phenomena", original papers focusing on in situ measurements of tribological phenomena and properties from multifaceted viewpoints such as test methods, measurement methods, surface analysis methods, and data analysis methods are welcomed. Furthermore, the latest topics will be welcomed to aim for a deeper understanding of friction and wear phenomena in various tribomaterials and tribological systems through in situ measurements. Our hope is that this Special Issue will be utilized to achieve a breakthrough in realizing a sustainable society for the future. We look forward to receiving your submission.

I look forward to receiving your contributions.





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Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

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