# Special Issue

## Wear and Tribology Properties of Materials, Films and Coatings

### Message from the Guest Editors

Tribology studies focus on friction, wear and lubrication technology. This is a critical technique for saving energy and extending the service life of machine parts. The deposition of the thin film process for the surface modification of engineering materials can effectively reduce friction and wear and enhance lubrication to protect the surface of materials. Special coatings can also enhance the light and electrical and anti-corrosion properties of materials. The contact mechanism is also crucial in enhancing the tribological behaviour of engineering materials, and it conjugates several effects, such as the lubrication fluid, surface morphology, surface pattern, chemical–electrical pneuma, and mechanical properties. This Special Issue aims to present relevant research on the wear performance of novel coating technologies, coating–surface contact theory and experiments, the simulation and evaluation of engineering materials and lubrication, and other related issues.

### Guest Editors

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Prof. Dr. Jeng Haur Horng

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### Deadline for manuscript submissions

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# About the Journal

## 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.
Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

## Editors-in-Chief

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