

# Special Issue

## Tribological Properties of Soft Materials

### Message from the Guest Editors

This Special Issue aims at presenting *Original Research Articles* and *Reviews* on the *Tribological Properties of Soft Materials*. Soft materials, including different kinds of liquids, liquid dispersions, gels and greases, have found extensive tribological applications in the past decades. By generating a complicated interfacial “tribofilm” capable of providing either physical or tribochemical lubrication, soft materials can effectively reduce the friction and abrasion between the two contacting surfaces to a satisfactory level. Although a number of significant research advances concerning the tribological behavior of soft materials have been achieved, the design and preparation of high-performance and eco-friendly liquid and semi-solid lubricants, the homogenous mixture and dispersion of various additives in liquids and gels, the formation and composition of resultant tribofilms, the tribochemical mechanism of “soft” lubricants, and the in-time or in-space lubrication control

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### Guest Editors

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### Deadline for manuscript submissions

31 March 2025



## Lubricants

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#### Editor-in-Chief

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