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## **Tribological Properties of Thin Films and Materials**

Guest Editor:

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## Message from the Guest Editor

Dear Colleagues,

Society today is facing the reality of energy loss and energy shortages. Friction phenomena are considered constitute the principal cause of wear failure and energy consumption. In the field of tribology, the guest for ultralow friction is a persistent goal of researchers. To accomplish this goal, it is necessary to explore the origin of friction, which has long been an object of study. In the last five years, research topics and projects around superlubrication have been very fruitful. On the one hand, different material systems have been explored and utilized by researchers. Conversely, the theoretical knowledge derived from tribology has been continuously improved. advancement technology, With of characterization methods and computer simulations. tribologists are focusing more on micro-level mechanisms. While the translation of the experimental results is still a problem, it is estimated that the results of these studies on tribology, if applied in practice, will have a very significant economic impact in the future offer huge potential for energy savings.



