

Special Issue

Friction and Wear of Coatings/Films

Message from the Guest Editors

In the 21st century, energy and material losses due to friction and wear in moving mechanical systems have accounted for huge economic and environmental burdens all over the world. Numerous new lubricant oils, lubricious bulk materials and coatings/films have been discovered and applied in practice to minimize the adverse impacts of friction and maximize the positive impacts of saving materials on all moving machine components. Among the many friction and wear control technologies, advanced solid coatings/films on the surface of moving component are becoming an attractive choice.

In this Special Issue, we would like to include a collection of research and review papers concerning the field of cutting-edge discoveries in low-friction and high wear-resistant coatings/films and the friction control and wear protection of coatings/films on moving mechanical components subjected to tribological requirements.

We appreciate your consideration and hope you will accept our invitation to present your novel work.

Guest Editors

Dr. Shusheng Xu

State Key Laboratory of Solid Lubrication, Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, Lanzhou 730000, China

Dr. Liuquan Yang

Institute of Functional Surfaces, School of Mechanical Engineering, University of Leeds, Leeds LS2 9JT, UK

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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About the Journal

Message from the Editor-in-Chief

Friction, wear, and lubrication are tribological phenomena that govern the behavior of interacting surfaces in a wide range of machine components. Understanding the physical and chemical nature of these phenomena is critical to achieving long component lifetime and economical operation. Research in the field of tribology is highly interdisciplinary, and encompasses the fields of physics, chemistry, engineering, and mathematical modeling. *Lubricants* invites contributions on new advances in all areas of tribology for publication as peer-reviewed research articles, reviews of current research, letters, and communications. We are committed to providing timely reviews of all articles submitted. Please consider sharing your work with the scientific community through publication in *Lubricants*.

Editor-in-Chief

Prof. Dr. Homer Rahnejat
School of Engineering, University of Central Lancashire, Preston PR1
2HE, UK

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