



Friction and Wear of Coatings/Films, 2nd Edition

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

Deadline for manuscript
submissions:

30 June 2024

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.

The first edition of this Special Issue (Friction and Wear of Coatings/Films) was a huge success, attracting many potential authors and readers. We have now decided to launch a second edition, hoping to give a platform to recent research and review papers on the cutting-edge discoveries of low-friction and high-wear-resistant coatings/films as well as 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.

