



Mechanical Tribology and Surface Technology

Guest Editor:

Dr. Zhenpeng He

School of Aeronautical
Engineering, Civil Aviation
University of China, Tianjin
300300, China

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Message from the Guest Editor

Dear Colleagues,

As a critical industrial technologies, mechanical friction and surface technologies have been widely applied in many fields. They not only have a significant impact on the performance and quality of materials but also have profound effects on the environment and ecology. Therefore, this Special Issue will focus on the latest research results regarding the cutting-edge technologies in these fields, providing insights to readers and promoting the progress of industrial technology.

This Special Issue will focus on three primary research topics, namely, lubrication and sealing technology, tribology research, and surface technology, all of which include the consideration of lubrication mechanisms, lubrication cavities, sealing mechanisms, lubrication performance evaluation, sealing performance evaluation, friction failure, friction wear, friction pair optimization design, friction testing, contact modeling, surface micromachining, surface modification, surface textures, surface coating, roughness modeling,

