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Tribology in Manufacturing and Design

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Deadline for manuscript submissions:
closed (31 December 2022)

Message from the Guest Editors

The application of appropriate tribology design and manufacturing can reduce or avoid excessive friction and wear at the contact interface, extend machine lifetimes, and improve system reliability. However, along with the progress and development of our society, the requirements for precision and environmental protection have become increasingly stringent. Hence, tribology in design and manufacturing is facing more challenges. For example, green lubricants, green manufacturing, machine learning, and tribology monitoring are developing rapidly.

The current Special Issue is mainly connecting experts and scholars in related areas from all over the world, and scholars who participate in the 2022 International Conference on Engineering Tribology and Applied Technology to discuss and exchange in-depth on the issue. We welcome experts in related areas to participate in this platform.

Keywords

tribology in manufacturing systems
tribology in manufacturing design
tribology in manufacturing efficiency
tribology in vibration and noise
tribology in mechanism design
tribology in surface damage
bio-lubricants
lubricant degradation
tribological failure diagnosis and monitoring