



Advances in Contact Mechanics

Guest Editors:

Dr. Haichao Liu

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

Dr. Haibo Zhang

School of Mechanical
Engineering, Beijing Institute of
Technology, Beijing 100081,
China

Dr. Xiaoyu Ding

School of Mechanical
Engineering, Beijing Institute of
Technology, Beijing 100081,
China

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Message from the Guest Editors

The study of contact mechanics plays an important role in improving the efficiency and reliability of modern mechanical and bio-medical systems. It lays the foundation to research on the adhesion, friction, lubrication, fatigue and wear of contacting interfaces and materials. There are numerous contact problems at different working conditions in applications such as rolling/sliding contacts in machine elements, static contact interfaces of screw connections, and rubbing surfaces in human joints, as well as many manufacturing processes. Each of these contact problems has specific challenges. Advanced analytical, numerical and experimental methods have been developed to meet the demands.

The aim of this Special Issue is to share advances in our understanding of specific phenomena in contact mechanics. Both experimental and theoretical studies are highly welcome.

