

# Special Issue

## Hydrodynamic Lubrication of Textured Surfaces

### Message from the Guest Editor

In the last twenty years, in hydrodynamic lubrication fields, textured surfaces have made great contributions to the improvement of bearing capacity with the reduction in friction noise and wear. However, the theory and design system based on the mechanism optimization application of textured surfaces still have not been established to integrate with the system design of equipment. In view of the importance of textured surfaces to the field of hydrodynamic lubrication and surface engineering, combined with the research history of textured surfaces, this Special Issue aims to collect the contributions of scientists in the field of performance improvement mechanisms, optimization design and application of lubrication textured surfaces, in which the areas of turbulent hydrodynamic lubrication, fluid–structure interaction, cavitation and soft elastohydrodynamic lubrication are considered. Contributions are welcome from all scientists working in tribology, hydrodynamic lubrication, texture optimization design and related areas.

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### Guest Editor

Dr. Qiang Li

College of New Energy, China University of Petroleum (East China),  
Qingdao, China

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### Deadline for manuscript submissions

closed (10 November 2023)



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*Lubricants*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[lubricants@mdpi.com](mailto:lubricants@mdpi.com)

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

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