



## Lubrication Characteristics of Journal and Thrust Bearings

Guest Editors:

### Message from the Guest Editors

#### **Dr. Jun Zha**

School of Mechanical  
Engineering, Xi'an Jiaotong  
University, Xi'an 710049, China

#### **Prof. Dr. Dongju Chen**

Beijing Key Laboratory of  
Advanced Manufacturing  
Technology, Beijing University of  
Technology, Beijing 100124,  
China

Deadline for manuscript  
submissions:

**30 September 2024**

Dear Colleagues,

In recent decades, journal and thrust bearings have included several significant contributions related to key topics such as performance-oriented design, dynamic behavior, and lubrication, which are paving the way for future engineering challenges. Despite the great achievements obtained in the journal and thrust bearings, we are still far from being able to predict the behaviour of the rotor systems involving lubrication or contact interfaces, as well as the sealing. Latest knowledge is of outmost importance to develop strategies to respond and solve the future tricky challenges.

The current Special Issue aims at bringing together, in the same Issue, contributions from world-leading scientists working in the fields of lubrication characteristics of journal and thrust bearing, with the goal being to deepen our understanding of academic and engineering regarding the latest modelling, simulation, and measurement methods. Contributions are welcome from all scientists working in journal, thrust bearing, and related areas.

