



## Recent Advances in High Temperature Tribology

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### **Message from the Guest Editors**

High temperature tribology is gradually developing along with the needs of high-tech fields such as aviation, aerospace and nuclear energy. It concerns friction, wear and lubrication and their relationships at high temperature. High temperature lubrication/anti-wear materials and technologies are greatly required in the fields of aerospace, national defense technical equipment and hot metal processing and are the key technologies of mechanical systems.

We would like to invite researchers to submit original research papers and review articles to the Special Issue. The Special Issue is dedicated to disseminating the latest research and understandings based on advanced experimental studies and computational modeling related to friction, wear and lubrication at high temperature. The potential scope of interest includes but not limited to:

- Wear at high temperature
- Tribology in metal forming
- High temperature metals and alloys
- Novel high temperature lubricants
- High temperature tribology testing
- Characterization of friction and wear
- Oxidation in tribology
- Contact mechanics, computational simulation and multiscale modeling

