



Microscale Materials Tribology

Guest Editors:

Dr. Christian Greiner

Karlsruhe Institute of Technology (KIT), Institute for Applied Materials (IAM), Kaiserstrasse 12, 76131 Karlsruhe, Germany

Dr. Steffen Brinkmann

Max-Planck Institut für Eisenforschung, Max Planck Straße 1, 40237 Düsseldorf, Germany

Message from the Guest Editors

This Special Issue brings together experimental and computational efforts concentrating on the fundamentals of materials tribology, focusing on materials science-based mechanisms. These mechanisms are either revealed by computing tribological contacts, e.g., through Molecular Dynamics, Dislocation Dynamics Modeling or Continuum Simulations; or by experimentally observing the mechanical and chemical evolution of the subsurface microstructure during metals friction and wear in dry lubrication.

Deadline for manuscript submissions:

closed (31 October 2018)

