

## Special Issue

# Tribology: Recent State and Trends of Development

### Message from the Guest Editors

Tribology plays a crucial role in the industry field. Systematic tribology research in Croatia started 40 years ago. The higher education and scientific activities on tribology in Croatia began with the Chair of Materials and Tribology of the Department of Materials at the Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb. Today, this scientific activity in Croatia includes many scientists, and their work was brought together in 1999 by the founding of the Croatian Society for Materials and Tribology (HDMT). This Special Issue aims to show recent tribological research in Croatia on the occasion of the 25th anniversary of the Croatian Society for Materials and Tribology. The topics of interest in this Special Issue include, but are not limited to: Tribological behavior of metallic and non-metallic materials  
Wear, including adhesion, abrasion, and tribo-corrosion  
Cavitation and erosion  
Sub-surface stressing, fatigue spalling, pitting, micro-pitting  
Surface topography of substrate and layer  
Wear-resistant materials and coatings  
Your contribution to this Special Issue is highly appreciated.

### Guest Editors

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### Deadline for manuscript submissions

20 August 2025



## Materials

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### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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