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Tribology: Recent State and Trends of Development

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Message from the Guest Editors

Dear Colleagues,

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.



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Special Issue



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Message from the Editor-in-Chief

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