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Tribology in Mobility, Volume II

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Message from the Guest Editors

Mobility has continuously evolved to meet the demands of a society in continuous change, ranging from the transportation of an increasing number of people and goods around the globe, to the urgent need to reduce their impact on the environment. These demands have incentivized the development and improvement of technologies for more efficient mobility applied to all transport sectors, including road, rail, marine, and aircraft. In this regard, the research conducted on tribology has demonstrated to be crucial for the appropriate performance, maintenance, and increase in efficiency of these vehicles; wherever things are moving, lubrication, friction, and wear phenomena exist.

With this in mind, this second part of the Special Issue Tribology in Mobility looks forward to state-of-the-art contributions in a wide range of applications covering different aspect of tribology in mobility; from investigations on lubricated machine elements in combustion engines and hybrid powertrain technologies, to condition-based maintenance, oil and wear analysis and many more interesting topics.