



Use of Coatings on Lubricated Surfaces

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Message from the Guest Editors

Dear Colleagues,

The scientific knowledge of the tribological behavior of coatings in lubricated contacts is of high industrial interest due to their daily use in mechanical components, machine tools, rolling mills, molds, guide rollers, pumps, valves, pistons, shafts, crankshafts, cams and axes, among others.

Current lubrication research that initially was more focused on the lubricant part should pay more attention to the tribological contact, especially considering the possibility of improving its anti-friction and anti-wear properties with the use of coated surfaces. This has caused that a new phase of research has emerged: combined use of coating and lubrication. This Special Issue, "Use of Coatings on Lubricated Surfaces" is aimed at such current developments in coatings for tribological applications with lubricated surfaces and contributions are welcome, from both researchers working in coatings technology and lubrication science.

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