



## Condition Monitoring of Internal Combustion Engines, Bearings and Gearboxes

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### Message from the Guest Editors

Dear Colleagues,

Condition monitoring is one of the key aspects of production and lately, the emerging academic trend as well. It allows us to detect the state of a machine and plan for maintenance upfront. This, on the one hand, may decrease the overall costs of production by increasing total operating time (by excluding unexpected breaks). Currently, the condition monitoring is focused around a single element of bigger more complex machines, thus bearings, motors, heaters or motors are in the spotlight. Proper condition monitoring of the included bearings may therefore be necessary. Moreover, in the time where ecology is more and more respected by the industry, heaters, heat exchangers and coolers should also have maximum cost efficiency, and aside from their internal construction, another way to increase their uptime and longevity is to monitor their condition and plan for maintenance ahead.

This Special Issue promotes current and actual trends in research on condition monitoring of internal combustion engines, bearings and gearboxes in various machines.





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