Special Issue

Life Assessment and Dynamic Behavior of Components

Message from the Guest Editors

Among the big challenges of research, the sustainability of technologies is more and more important. The aim to increase the compatibility of the human activities with the environment, increase of efficiency, reduction of weight and substitution of pollutant materials with "areener" ones forces engineers to areat efforts in designing new components. In particular, the reduction of weight, the increase of power density, the increase of operative velocity and the adoption of different materials tend to prone components to vibrate and to reduce their life. This special issue wants to highlight all the advances in the dynamic analysis of machine components and in particular in rotating elements, such as gearboxes, powertrains, machinery systems. Contributions in methodologies for analyzing dynamics of complex systems and for estimating the life cycle of components taking into account the growing performances and new materials are welcome.

Guest Editors

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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