



## **Vibration Based Condition Monitoring**

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### **Message from the Guest Editors**

Vibration-based condition monitoring as well as damage detection and identification are very important concerns related to accurate operation of machines, in order to ensure their desirable operational properties, safety, and integrity. In this respect, in the last few years an expanding increase of vibration-based condition monitoring methods for damage detection and identification in machines has been noticed. This evolution was positively influenced by following factors: the advance of measurement techniques and devices in vibration engineering, as well as the progress of mathematical tools for signal processing and conditioning. All these factors impact actual tendencies related to vibration-based condition monitoring and damage identification in machines and their components.

We are pleased to invite you to contribute on this Special Issue, because it will collect interdisciplinary contributions on vibration-based condition monitoring and damage identification, being a strong motivation to consider and develop some original aspects of research.

Prof. Dr. Jerome Antoni  
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*Guest Editors*





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