



## **Advances in Bearing Modeling, Fault Diagnosis, RUL Prediction**

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

Dear Colleagues,

The objective of this Special Issue is to discover the most recent and significant developments in bearing modeling, fault diagnosis, and remaining useful life prediction. This Special Issue encourages and welcomes original research articles with a significant contribution to numerical, theoretical and experimental analysis. Review articles related to these application areas are also invited.

Potential topics include but are not limited to: Modeling and simulation; Failure mechanism analysis; Intelligent sensors and flexible sensors; Wireless sensors and sensor networks; Signal processing theory and methods; Data acquisition and measurement methods; Bearing condition monitoring; Machine learning and intelligent fault diagnosis; Bearing RUL prediction; Big data analytics in bearings; Intelligent bearings.





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## Message from the Editor-in-Chief

*Machines* is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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