

Special Issue

From Data to Insights: Applying Advanced Analytics to Railroad Maintenance Diagnostics and Prognostics

Message from the Guest Editors

We are excited to organize a Special Issue (SI) for the *Machines* journal, titled “From Data to Insights: Applying Advanced Analytics to Railroad Maintenance Diagnostics and Prognostics.” This SI aims to highlight the extensive research and development underway to improve railroad safety and efficiency through controlled laboratory studies, field testing, and both online and offline data processing pipelines, all supported by advanced analytical frameworks, including AI and ML, to make sense of increasingly complex and high-volume datasets. We hope you will join us in this effort by submitting your research results to the Special Issue.

Guest Editors

Dr. Ahmad Radmehr

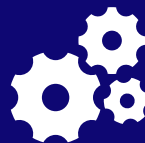
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About the Journal

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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