



## Artificial Intelligence and Complex Systems Analysis in Transportation and Maintenance

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Deadline for manuscript  
submissions:

**closed (20 April 2024)**

### Message from the Guest Editors

We are soliciting papers on topics including, but are not limited to:

- The application of real-time monitoring solutions;
- Incremental learning techniques for fault detection and identification;
- Novelty detection strategies and fault isolation procedures;
- Applications of PHM in IoT contexts;
- Degradation modeling of components operating in different operating conditions;
- System-level prognostics;
- The definition of requirements and challenges for the implementation of predictive maintenance in transportation;
- The integration of predictive maintenance with preventive policies;
- Cost–benefit analysis of predictive maintenance.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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