Special Issue

Aerospace Prognosis Technology

Message from the Guest Editor

This Special Issue on Aerospace Prognosis Technology aims at collecting the newest research and developments trends in the field of aircraft prognostics technology, which may include:

- The development of feature extraction methods to support prognostics methodologies;
- The use of signal processing and denoising techniques to preprocess the data utilized in prognostics;
- Model-based methods based on filtering techniques to prognose failure;
- Data-driven techniques based on machine learning and neural networks;
- Hybrid modeling to advance the integration of physics into neural networks and other data-driven models;
- Explainability methods driven by artificial intelligence methods;
- Evaluation techniques and metrics of prognostics outputs;
- IoT and its connection to prognostics;
- Digital twins and simulation to advance prognostics;
- Scheduling and planning based on prognostics.

Guest Editor

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You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.
Aerospace adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

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