Special Issue

Machine Learning for Aeronautics

Message from the Guest Editor

The present Special Issue entitled "**Machine Learning for Aeronautics**" focuses on topics related to the application of machine learning, deep learning, and other emerging data-driven techniques to support and improve the design, development, analysis, testing, production, operation, and maintenance/inspection of aircraft. Authors are invited to submit full research articles or review manuscripts addressing (but not limited to) the following topics:

- Application of AI/ML to requirement engineering;
- Generative design;
- Application of AI/ML to problems with a small amount of data;
- Application of AI/ML for problems of increasing efficiency with expensive physical testing;
- Application of AI/ML in support of certification by analysis;
- Application of AI/ML in support of factory automation;
- Real-time fault detection and forecasting;
- Optimization of flight profile/performance;
- Application of AI/ML for pilot training.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2024)

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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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