



Machine Learning for Aeronautics

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Deadline for manuscript
submissions:

closed (31 January 2024)

Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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