



Advanced Model Optimization and Data Fusion Methods in Aircraft

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Deadline for manuscript
submissions:

31 January 2025

Message from the Guest Editors

The present Special Issue, titled “Advanced Model Optimization and Data Fusion Methods in Aircraft”, focuses on topics related to the application of machine learning, deep learning, data fusion methods, and other emerging data-driven techniques to support and improve the development of aircraft applications. Authors are invited to submit full research articles or review manuscripts addressing (but not limited to) the following topics:

- Application of advanced model in aircraft shape optimization;
- Application of advanced model in flow mechanism analysis;
- Big data, machine learning, and data mining in aircraft applications;
- Application of data-driven model in numerical simulation and performance prediction;
- Digital twin method in aircraft applications;
- Intelligent flow control;
- Application of data fusion methods in aerodynamic analysis;
- Application of advanced model in prognostic and health management.

The focal topics listed above are not meant to exclude articles from additional related areas. We are looking forward to receiving your submissions and invite you to contact the Guest Editor should you have further questions.





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Message from the Editor-in-Chief

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