

## Special Issue

# Multidisciplinary Multiobjective Design Optimization

### Message from the Guest Editor

Multidisciplinary design optimization (MD) is a methodology used in the design of complex engineering systems where there the interaction of many different disciplines is present. A multiobjective optimization problem is a mathematical optimization problem that involves multiple objective functions to be optimized simultaneously. The design of an aerospace system is fundamentally a multidisciplinary and multiobjective process. A large number of applications have been in the field of aerospace engineering, such as aircraft and spacecraft design. The goal of this Special Issue is to bring together the state-of-the-art in multidisciplinary multiobjective design optimization technologies in aerospace engineering. Authors are encouraged to submit a paper to this Special Issue on topics including but not limited to the following: Multidisciplinary design optimization; Multi-point optimization; Multi-level optimization; Multi-fidelity optimization; Multi-physics design optimization; Decomposition methods; Surrogate modeling; Design under uncertainty; Artificial intelligence.

### Guest Editor

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### Deadline for manuscript submissions

closed (28 February 2022)



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### Message from the Editor-in-Chief

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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### Editor-in-Chief

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