## Evolutionary Algorithms in Engineering Design Optimization

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### Message from the Guest Editors

From the application point of view, in this Special Issue proposal, all engineering fields are welcomed, such as aerospace and aeronautical, biomedical, chemical and materials science, civil, electronic and telecommunications, energy and electrical, manufacturing, logistics and transportation, mechanical, naval architecture, reliability, robotics, structural, etc.

Within the EA field, the integration of innovative and improvement aspects in the algorithms (e.g., genetic algorithms, differential evolution, evolution strategies, etc.) for solving real world engineering design problems, in the abovementioned application fields, are welcomed and encouraged, such as the following: parallel EAs, surrogate modeling, hybridization with other optimization techniques, multi-objective and many-objective optimization, etc.

## Keywords

- decision making
- design optimization
- engineering design
- engineering optimization
- evolutionary algorithms
- multidisciplinary optimization
- multi-objective optimization
- optimum design
- optimization in aerospace
- optimization under uncertainty
- robustness of the solutions
- surrogate based optimization

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**Special Issue**

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## Message from the Editor-in-Chief

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