



Aero-Engine Manufacturing Technology

Guest Editor:

Dr. Michal Hovanec

Faculty of Aeronautics, Technická
Univerzita v Košiciach, Kosice,
Slovakia

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Message from the Guest Editor

This Special Issue focuses on the skills required for “Aero-engine Manufacturing Technology”, including modeling, analysis, and design methodologies. The articles will cover approaches and examples that can be applied to commercial aircraft, unmanned aerial vehicles, missiles, and spacecraft. design 4D flight guidance systems, optimize an aircraft's trajectory, optimize atmospheric reentry trajectories for space shuttles, and design flight controllers to drive aerospace vehicles along specified optimal trajectories Aircraft, launch vehicles, and spacecraft are all part of the aerospace industry. Their design and manufacture require a precise theoretical and experimental understanding of a wide range of events, as well as performance forecasts for a wide range of complex systems. Thanks to the use of computing hardware and advanced software libraries, optimization technology has become practical for the control of both aeronautical and space vehicles. Researchers are encouraged to publish their results in a broad range of topics, resulting from their recent theoretical and experimental developments.





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Prof. Dr. Konstantinos Kontis

School of Engineering, University of Glasgow, James Watt Building South, University Avenue, Glasgow G12 8QQ, Scotland, UK

Message from the Editor-in-Chief

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Aerospace Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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