

Special Issue

Aeroengine

Message from the Guest Editor

This Special Issue on “Aeroengine” aims to provide an overview of the state-of-the-art and the main challenges in the field of aeroengine. It will include original and review research manuscripts associated with the main innovation and technological advancements in science and technology targeting (but not limited) the efficient operation and optimization of aeroengine, with the use of numerical/computational analysis and/or experimental methods. Full research articles and review manuscripts that will make considerable contribution in the following topics are welcome:

- Innovative cycles and engine core concepts
- Aeroengine noise
- Intake aerodynamics
- Cooling technologies
- Turbine and compressor blade aerodynamics
- Measurement techniques and test rigs for aeroengine
- Combustor chambers design and technologies for aeroengine
- Specific fuel consumption reduction technologies
- Aeroengine materials, structures, performance
- Hypersonic propulsion
- Aeroengine for UAV applications
- Aeroengine components design

Guest Editor

Prof. Dr. Kyros Yakinthos

Department of Mechanical Engineering, Laboratory of Fluid Mechanics and Turbomachinery, Aristotle University of Thessaloniki, 541 24 Thessaloniki, Greece

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Aerospace
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
aerospace@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Konstantinos Kontis
School of Engineering, University of Glasgow, James Watt Building
South, University Avenue, Glasgow G12 8QQ, Scotland, UK

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