

# Special Issue

## Intelligent Mechatronics Systems

### Message from the Guest Editor

In contemporary mechatronics systems, the complexity of the mechanical and electronics parts imposes intelligence embedded to the system. The advancement in mechatronics design urges for sophisticated control laws as well as advanced feedback from smart sensors. Recent developments in artificial intelligence and machine vision allow the use of advanced algorithms into a variety of applications in order solve problems that arise when implementing sophisticated mechatronics systems. This Special Issue will accept contributions where the concepts of mechatronics, machine vision, and artificial intelligence intersect and coexist in a congruous manner. The overall objective of the Special Issue is to render the sine qua non role of artificial intelligence and machine vision in modern mechatronics systems.

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### Guest Editor

Prof. Dr. Antonios Gasteratos

Laboratory of Robotics & Automation, Department of Production & Management Engineering, Democritus University of Thrace, Xanthi, Greece

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### Deadline for manuscript submissions

closed (31 October 2021)



## Machines

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## About the Journal

### Message from the Editor-in-Chief

*Machines* is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
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