

## Special Issue

# Robotics, Automation and Mechatronics (RAM): The Newest Technologies and Applications

### Message from the Guest Editors

This Special Issue is dedicated to the newest technologies and applications in the fields of Robotics, Automation, and Mechatronics (RAM). With the rapid advancements in these areas, there is a growing interest in developing and integrating cutting-edge technologies that enhance industrial processes, healthcare systems, and autonomous machines. This Special Issue focuses on the latest innovations in Robotics, Automation, and Mechatronics, encompassing a broad range of topics such as autonomous robotic systems, advanced automation frameworks, and intelligent mechatronic devices. Contributions are encouraged in areas including, but not limited to, novel robotic designs, intelligent control systems, advanced automation algorithms, and the integration of AI in mechatronic systems. Emphasis will also be placed on topics such as sensor integration, machine learning for predictive maintenance, and optimization of autonomous systems. Articles related to the control, simulation, and optimization of robotic and mechatronic systems are also welcome.

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### Guest Editors

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Dr. Ionuț Daniel Geonea

Prof. Dr. Nicu Bîzdoacă

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### Deadline for manuscript submissions

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## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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