

## Special Issue

# Recent Advances in Robotics, Factory Automation and Intelligent Networked Systems

### Message from the Guest Editor

The Industry 4.0 holds a lot of potential and is expected to register a substantial growth in the near future. It is an integrated system which consists of an automation tool, robotic control, and communications. According to the modern market study, the global industry 4.0 market is projected to grow from USD 116.14 billion in 2021 to USD 337.10 billion in 2028 at a CAGR of 16.4% in the 2021–2028 period. Topics of interest include but are not limited to:

- Industrial automation and control;
- Industrial robots;
- Control devices and instruments;
- Mechatronic systems;
- Systems and control engineering;
- Machine design for Industry 4.0;

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### Guest Editor

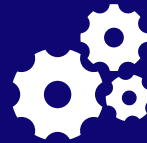
Prof. Dr. Sergey Y. Yurish

International Frequency Sensor Association (IFSA), 08860  
Castelldefels, Spain

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### Deadline for manuscript submissions

closed (15 March 2025)



## 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  
CISE–Electromechatronic Systems Research Centre, University of  
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