

## Special Issue

# Cyber–Physical System and Edge Computing: Current Applications and Future Trends

### Message from the Guest Editors

We invite contributions that address, but are not limited to, the following topics:

- **Real-world Implementations:** Case studies and success stories of CPS and edge computing applications across industries such as healthcare, transportation, manufacturing, smart cities, and more.
- **Technological Advancements:** Cutting-edge technologies and methodologies driving the integration of CPS and edge computing, including AI-driven optimization, blockchain solutions, and beyond.
- **Challenges and Solutions:** Discussions on key challenges such as security, scalability, and interoperability, along with innovative approaches to mitigate these issues.
- **Future Trajectories:** Speculations on emerging trends and technologies that are poised to shape the future of CPS and edge computing, including advancements in autonomous systems, 5G connectivity, and the impact of quantum computing.

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### Guest Editors

Dr. Anikó Costa

Department of Electrical and Computer Engineering, Faculty of Sciences and Technology, NOVA University of Lisbon, Campus de Caparica, 2829-516 Caparica, Portugal

Dr. Grzegorz Bazydło

Institute of Control & Computation Engineering, University of Zielona Gora, ul. prof. Z. Szafrana 2, 65-516 Zielona Gora, Poland

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### Deadline for manuscript submissions

closed (20 December 2024)



## Applied Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls-ci@mdpi.com](mailto:appls-ci@mdpi.com)

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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

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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