

## Special Issue

# Advancing Human–Machine Interaction Through Intelligent Sensors and Technology

### Message from the Guest Editors

The world continues to evolve, with the integration of intelligent sensors and advanced technologies becoming a crucial aspect of enhancing human–machine interaction. Artificial intelligence and machine learning have made significant strides in recent years, enabling machines to perform tasks with increasing efficiency and autonomy. Advancing human–machine interaction (HMIs) through intelligent sensors and technology is at the forefront of innovation, transforming the way we interact with devices and systems. This field brings together advancements in sensor technology, machine learning, artificial intelligence, and user experience design to create interfaces that are not only more intuitive and responsive but also adaptive to individual needs and environments. This Special Issue will publish high-quality, original research papers in the overlapping fields of

- **Multimodal sensing**
- **Wearable technology**
- **Adaptative user interfaces**
- **Safety monitoring**
- **Health monitoring**
- **Assistive technologies**
- **Adaptive input mechanisms**
- **Biometric authentication**

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### Guest Editors

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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

Prof. Dr. Giulio Nicola Cerullo  
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