

## Special Issue

# Advances in Human–Machine Interaction Systems and Their Applications in Industry

### Message from the Guest Editor

This Special Issue aims to inspire and demonstrate the latest development relating to materials, design, modelling (mathematical, psychological and biological), computing, sensing, visualization, communication, industrial applications, and the control theory synthesis of human–machine interaction systems. Research areas may include (but not limited to) the following:

- Human–machine interfaces
- Intelligent machines and supporting technology
- Collaborative machines
- Human behavior modelling
- Hybrid reality
- Control theory synthesis of human–machine systems
- Integrated communication sensing and computing techniques
- Sense of agency
- Efficiency of human–machine interaction systems
- Applications of human–machine interaction systems in industry

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### Guest Editor

Prof. Dr. Shengzhi Du

Department of Electrical Engineering, Tshwane University of Technology, Pretoria 0001, South Africa

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### Deadline for manuscript submissions

closed (20 June 2025)



## Applied Sciences

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CiteScore 5.5



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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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