

## Special Issue

# Human-Centered AI Models and Machine Learning Technologies

### Message from the Guest Editors

We are excited to announce a call for papers for our upcoming Special Issue dedicated to “Human-Centered AI Models and Machine Learning Technologies”. This Special Issue aims to delve into this promising and evolving research topic, showcasing state-of-the-art methodologies, tools, systems, and case studies that highlight advancements in human–AI hybrid intelligence and facilitate its implementation. Topics relevant to this Special Issue include, but are not limited to, the following:

- Theoretical foundations of human-centered AI models;
- Human–AI integration, interaction and collaboration;
- Human–AI in robotics, manufacturing, and automation;
- Machine learning techniques for human–AI hybrid intelligence;
- User experience design in human–AI systems;
- Evaluation metrics for human–AI collaboration;
- Trust and transparency in human–AI interactions;
- Training methodologies for enhancing human–AI synergy;
- Case studies and applications of human–AI hybrid models.

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### Guest Editors

Dr. Shufei Li  
Dr. Zuoxu Wang  
Dr. Sichao Liu

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### Deadline for manuscript submissions

closed (31 October 2025)



## 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  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
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