

## Special Issue

# Advances in HCI: Recognition Technologies and Their Applications

### Message from the Guest Editor

A trusted Human-Computer Interaction (HCI) is a challenge within human-centric AI ecosystems and requires the harmonious collaboration of many interdisciplinary fields. A critical challenge in implementing trusted HCIs lies in enhancing the recognition capabilities of machines and ensuring that these machines perform the correct physical actions. Such actions should be both legible to humans and in coordination with them. Recognition technologies that utilize AI and machine learning assist in solving various problems in various fields.

We invite authors to contribute to our Special Issue with insights, studies, and innovations in advanced recognition technologies. Submissions may address topics including:

- facial recognition
- voice recognition
- object recognition
- text recognition
- gesture recognition
- emotion recognition
- biometric recognition
- pattern recognition
- behaviour recognition
- speech recognition
- license plate recognition
- brand recognition
- character recognition
- medical image recognition

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### Guest Editor

Prof. Dr. Hongmei He

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### Deadline for manuscript submissions

closed (20 April 2025)



## Applied Sciences

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### 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

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