

Special Issue

From Human–Machine Interaction to Human–Machine Cooperation: Status and Progress, 2nd Edition

Message from the Guest Editors

Human–machine interaction is all about how people and automated systems interact and communicate with each other within virtual, augmented, or real environments. With the advances in AI and cyber–physical systems, the research fulcrum has gradually moved from interaction towards cooperation. We are pleased to announce a Special Issue on challenging and innovative topics in the field of human–machine interaction and cooperation, including those related to theoretical aspects, methodologies, and practice. The topics of interest include (but are not limited to) the following:

- H2M and M2M interaction and cooperation theories and applications;
- Cyber–physical systems;
- Social and biomedical signal processing;
- Learning by example;
- Multimodal perception;
- Human behaviour modelling;
- Activity and intention recognition;
- Intelligent manufacturing;
- Human–machine dialogue systems;
- Planning and decision making under uncertainty;
- Context-aware and affective systems;
- Safe navigation around humans;
- Intelligent systems for training/teaching humans;
- Collaborative VR, AR, and XR environments.

Guest Editors

Dr. Tomislav Stipančić

Prof. Dr. Katerina Kabassi

Dr. Yuchong Zhang

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@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.

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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