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Human Centered Artificial Intelligence: Putting the Human in the Loop for Implementing Sensors Based Intelligent Environments

Guest Editors:

Prof. Dr. Constantine Stephanidis
1. Foundation for Research and Technology—Hellas (FORTH), Institute of Computer Science, 70013 Heraklion, Greece
2. Department of Computer Science, University of Crete, 70013 Heraklion, Greece

Dr. George Margetis
Institute of Computer Science, Foundation for Research and Technology—Hellas (FORTH), 70013 Heraklion, Greece

Deadline for manuscript submissions:
closed (31 December 2022)

Message from the Guest Editors

This Special Issue aims to solicit original and high quality research articles that consider the current evolvement of AI approaches under a human-centric approach in the development of intelligent environments. Authors of such submissions will be required to provide a clear indication of the new contributions and explain how this work extends the previously published contributions.

Topics may include, but are not limited to, the following:

- Active machine learning
- Adaptive personal AI systems
- Explainable, accountable, transparent, and fair AI
- Explanatory user interfaces and HCI for explainable AI
- Federated learning and cooperative intelligent information systems and tools
- Gradient-based interpretability
- Interaction modalities and devices: visual, 2D/3D, augmented reality, simulations, digital twin, conversational interfaces, and multimodal interfaces
- Interactive machine learning
- Interpretability in reinforcement learning
- Human–AI interactions and intelligent user interfaces
- Usability of human–AI interfaces

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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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