



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

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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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Message from the Editor-in-Chief

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