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Issues

Special Issues

Human-Machine Interaction Using Intelligent Internet of T Infrastructure

Human Machine Interface (HMI) is also known as an HMI. An HMI is a software application that to an operator or user about the state of a process and accepts and implements the operator's Typically, information is displayed in a graphic format (Graphical User Interface or GUI). Human-play a major role in every corner of the world, such as driverless cars, autonomous and smart ve robotics, etc. The Internet of Things is also considered the cornerstone of reshaping traditional industries. So, today's IoT human-centered systems not only serve humanity in every field but a human beings comfortable and convenient. Designing and developing automatic systems withc and resource consumption in IoT systems is important in this technological era. Hence, Self-driv IoT, AI, and Machine Learning (ML), have reshaped the modern HMI systems. The evolution of t (IoT) is changing the nature of edge-computing devices. End nodes have to support, in place, a functionality: multi-sensory data processing and analysis, complex systems control strategies, ai intelligence. These new capabilities will enable disruptive innovation in wearable and implantab autonomous insect-sized drones, autonomous smart environmental sensing, safety-critical real-structural health monitoring, and more. Such innovative technologies have improved human lif changed the landscape of business models for providing services with ease and convenience. H flexible and suitable ingredients to recognize the importance and significant roles of the built-ir interfacing and creating close connections between human perception and technological innov special issue focuses on the strong knot between human cognitive perceptions and decision-m develop innovative technologies that can revolutionize human-centered systems differently. Hu

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HOME	Aims and scope Editorial Board Contact	Current Issue All Issue Online First Publication	Preparing Peer-rev Peer-Rev Article Process Submis Language and Prepare Supp Editori Cop

- Heterogeneous systems-on-chip and architecture for energy-efficient smart edge processing

- IO and peripherals for energy-efficient interfaces in edge-computing systems
- Edge processing for biomedical IoT systems and human-machine interaction
- Smart edge IoT devices for structural health monitoring and predictive maintenance
- Self-centered and adaptive healthcare platforms for ambient assisted-living
- Efficient resource allocation in human-centered systems
- Adaptive technologies for pervasive and smart systems
- Energy-efficient, Pervasive, and sustainable human-centered based healthcare

Important Dates

- Submissions Deadline: 30th December 2024
- First Reviews Due: 15th February 2025
- Revision Due: 15th March 2025
- Second Reviews Due/Notification: 15th April 2025
- Final Manuscript Due: 30th May 2025
- Publication Date: 30th July 2025

Submission Guideline

All submitted papers must be clearly written in excellent English and contain only original work. submitted in an electronic format, e.g., MS Word. Manuscripts should follow the formatting of t and references. You can refer to the details in the submission menu http://hcsj.com/submission/preparing_manuscript.php. All papers and some supplementary ma submitted through ScholarOne Manuscripts. The authors must select "SI2024-07 HMI Using Intr Things Infrastructure" when they reach the "Article Type" step in the submission process <https://mc04.manuscriptcentral.com/hcis>

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