

Call for Papers: Special Issue on Human Symbiotic System

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Submission Deadline: April 1, 2010

This special issue on "Human Symbiotic System" called for papers on the basic principles and methods of designing intelligent interaction systems with the bidirectional communication based on the effective collaboration and symbiosis between the human and the artifact, i.e. robots, agents, computer and so on.

The research society "Human Symbiotic System (HSS)" was established in the Japan Society for Fuzzy Theory and Intelligent Informatics in 2007 by the editors. This society aims at encouraging the academic and industrial discussion about the research on Human-Agent Interaction (HAI), Human-Robot Interaction (HRI), Human-Computer Interaction (HCI) and so on.

Reflecting the fact that this society covers a wide range of topics, in this special issue we invite the related researchers from a variety of fields including intelligent robotics, human-machine interface, Kansei engineering and so on. In addition, at this special issue some research results will be also introduced by the core members of our research society.

The aim of this special issue is to activate and expand top quality researches in the area of theory and applications of Human Symbiotic System (HSS). Topics of interest include, but are not limited to theory and application of :

- Human-Agent Interaction (HAI)
- Human-Robot Interaction (HRI)
- Human-Computer Interaction (HCI)
- Social Communication or Interaction
- Human Communication
- Partner or Communication Robot
- Hospitality Robot
- Pet-type or Animal Robot
- Interactive Computer Agent
- Human Interface System
- Cooperative Intelligent
- Kansei Engineering

Papers are invited from prospective authors with interest on the related areas.

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