

SS03: Human Symbiotic Systems

Tomohiro Yoshikawa

Graduate School of Engineering, Nagoya University
Furo-cho, Chikusa-ku, Nagoya, 464-8603, Japan
Dept. of Information and Communication
yoshikawa@cse.nagoya-u.ac.jp

Yoichiro Maeda

Ritsumeikan University
1-1-1 Noji-higashi, Kusatsu, Shiga, 525-8577 Japan
College of Information Science and Engineering
ymaeda@fc.ritsumei.ac.jp

This special session aims at discussing the basic principles and methods of designing intelligent interaction 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.

We aim at encouraging the academic and industrial discussion about the research on Human-Agent Interaction (HAI), Human-Robot Interaction (HRI), and Human-Computer Interaction (HCI) concerning Symbiotic Systems. Reflecting the fact that this society covers a wide range of topics, in this session we invite the related researchers from a variety of fields including intelligent robotics, human-machine interface, Kansei engineering and so on.

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
- Partner or Communication Robots
- Hospitality Robots
- Human Interface Systems
- Cooperative Intelligence
- Kansei Engineering