

Special Session on “Technology Design on Human Factors and Real World”

12th IEEE International Conference on Human System Interaction, IEEE HSI 2019
<http://hsi2019.welcometohsi.org/>
June 25-27 2019, Richmond, USA

Scope:

Human Factors has been primarily key concept to develop production systems, and then it is expanding to the field of human system interaction. Needless to say, human factors includes not only physical aspects but also psychology aspects. For designing the system based on human factor, it basically depends on various sensing and control technologies. In particular, robotics and intelligent system are core technology fields. In addition, the technology which enables the system properly work in the real world is also important. The organizers, therefore, propose a Special Session to discuss some case studies with focusing on robotics, intelligent system, human support system and technologies enabling real world operation.

Topics of interest include, but are not limited to:

- Human-system interaction
- Interface, Human-support system
- Human understanding
- Sensing and recognition
- Ambient intelligence
- Robotics
- Mechatronics and Control.

Organization:

- Principal Organizer: Sho Yokota, Toyo University, Japan (s-yokota@toyo.jp)
- Co-organizer: Daisuke Chugo, Kwansai Gakuin Univ., Japan (chugo@kwansai.ac.jp)
- Co-organizer: Jinhua She, Tokyo University of Technology (she@stf.teu.ac.jp)

Sponsoring:

IEEE IES **Technical Committee on Human Factors** (TC-HF), Jinhua She, Chair

Important Dates:

Deadline for submission of special session papers	April 1, 2019
Notification of acceptance	May 15, 2019
Deadline for submission of final manuscripts	May 31, 2019

Submission Guidelines:

All the instructions for paper submission are included in the conference website:

<http://hsi2019.welcometohsi.org/>