

# **11th International Conference on Human System Interaction, HSI 2018**

**4-6 July 2018, Gdansk, Poland**

## **Special Session on “NEW DEVELOPMENTS FOR HUMAN FACTORS ENGINEERING”**

**organized by**

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### Theme:

Human factors are defined to be a scientific discipline that uses knowledge of human abilities and limitations to design systems, organizations, jobs, machines, tools, and consumer products for safe, efficient, and comfortable human use. Along with the rapid progress in bioscience, sensing, robotics, information science, big data, AI, control engineering, etc., many methods have been developed in the field of human factors. The organizers, therefore, propose a special session to present and discuss new results in human factors engineering.

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.

Expected number of participants: 6 papers will be submitted to this SS.

### Sponsoring:

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