



(1) session title,

Intelligent Sensing Applications for Human Assistive Systems

(2) session description,

The recent advances of sensing technology are expected to contribute to intelligent systems in future human assistive applications. The sensory factors may involve broad functions in system integration, therefore the session focuses on human factors, IoT, human assistive systems, and AI technologies for intelligent sensing applications. For example, the human intention is expected to be estimated by several physical information. Furthermore, how to apply the detected sensor information is a key for the assistive systems, e.g. power assist wheeled chairs, human life support, remote control systems. This session aims to discuss new trends of sensing and its applications for emerging system functions, mobility and robots.

(3) session organizer(s) (name, affiliation, contact information),

- Prof. Shin-ichi Ito, Tokushima University, s.ito@tokushima-u.ac.jp
- Prof. Masahide Ito, Aichi Prefectural University, masa-ito@ist.aichi-pu.ac.jp
- Prof. Naoki Motoi, Kobe University, motoi@maritime.kobe-u.ac.jp