## Special Session for Mecatronics2018

- Session title
   Human-friendly Robots for Sophisticated Service
- (2) Session description (about 200 words).

Recently, the expectation to human-friendly service robots and wearable devices is increasing as the progress of information and communication technology. In order to realize the sophisticated services, we have to discuss both the hardware deign and human interface design, especially, physical interaction and multi-modal communication. Furthermore, we have to conduct the system integration of various types of hardware and software modules in the high level as real-world applications. This special session will provide the opportunity for researchers from academia, industry, and government to present their latest work, share ideas and establish contacts with other researchers in their field. The topics of this special session include but are not limited to:

- 1) Design and System Integration for Human-friendly Robots
- 2) Human-robot Multi-modal Communication
- 3) Learning and Adaptation for Human-friendly Robots
- 4) Wearable Devices for Physical and/or Cognitive Supports
- 5) Human-friendly Robots for Real-world Applications
- (3) Session organizer(s) (name, affiliation, contact information)
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