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Special Session Title
System Integration based on Artificial and Virtual Systems with Intelligent Sensing

organized by

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Call for Papers

Outline of the Session

System Integrations (SIs) are more critical due to the collaboration of physical and cyber systems. Thus, numerous theories and application systems have been proposed today. The important technologies, via the applications of SIs, include intelligent sensing technologies. Recent advances in 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, and human assistive systems. Furthermore, this session also focuses on the wide range of applications for fusing intelligent sensors and control, aiming to discuss new trends in sensing and their applications.

Topics of the Session

o Sensor-based Assistive Control
o Human-Machine Interactions
o Sensor-based Human Assistive Applications
o Cyber-physical intelligent system using sensors
o Robot motion control using 3D/2D sensing data

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