

CALL FOR PAPERS

Special Issue on “Ambient Intelligence”

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With increasing research being done on robotic systems for human support using distributed sensors and actuators, robots are expected to be able to provide appropriate support to users in real environments. The approach known as ambient intelligence is considered important in realizing human-robot coexistence. One reason for this is that robotic devices need abilities to adapt and act in real environments, and then ambient intelligence is considered one of the fundamental technologies to provide such a robotic device with important abilities. Flexible and reliable system integration by environment size and purpose is also an important issue to realize ambient intelligence.

We are calling for papers on cutting-edge research exploring ambient intelligence approaches for this special issue.

Topics of interests include (but not limited to) the following:

- Human activity observation and recognition
- Gesture recognition and behavior understanding
- Observation systems for ambient intelligence
- Human-robot interaction
- Cognitive informatics
- Middleware technologies for ambient intelligence
- Applications and case studies on ambient intelligence
- Smart house and smart home automation technologies

Important Dates:

Submission Deadline	December 20, 2010
Notification of Acceptance/Rejection	April 20, 2011
Final Manuscript Submission	May 20, 2011

Submission/Contact to:

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Papers should be submitted in Microsoft Word or PDF format. Details on submission and the journal can be found at the following link: <http://www.fujipress.jp/JRM/>