

Call for Papers

The 1st International Workshop on Aware Computing (IWAC2009)

Sept. 17-18, 2009, Aizu-Wakamatsu, Japan, <http://www.u-aizu.ac.jp/misc/fan09/iwac09.html>

In conjunction with the 19th Intelligent System Symposium (FAN09 Symposium)

<http://www.u-aizu.ac.jp/misc/fan09/fan09-e.html>



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Workshop Site

The University of Aizu
Tsuruga, Ikki-machi, Aizu-Wakamatsu City, Fukushima-ken 965-8580, Japan

Workshop Date

Sept. 17-18, 2009

Sponsor Societies

Japan Society for Fuzzy Theory and Intelligent Informatics
The University of Aizu

Supporting Societies

IEEE SMC Japan, IPSJ, SICE, IEEJ, ISCIE, IEICE,
JSAI, JNNS, RSJ, JSME, JSMBE, and JSAEM

Scope

Awareness is the ability to be conscious of, feel or perceive (Wikipedia). It implies vigilance in observing or alertness in drawing inferences from what one experiences (Merriam-Webster). The ultimate goal of aware computing is to create a computing machine/system that is able to be aware. Application examples include context awareness, situation/background awareness, power safety/security awareness, chance/opportunity awareness, etc. An aware system may not be as intelligent as a human, but it will certainly be more autonomous and more human-like than conversational systems. This workshop provides a forum for engineers, researchers, and scientists to exchange the latest results in this emerging new field. The topics of interest include, but are not limited to the following:

- Context/situation/background aware computing
- Intention/emotion/preference aware computing
- Location/position aware computing
- Power/capability aware computing
- Weakness/risk/danger aware computing
- Safety/security aware computing
- Chance/opportunity aware computing

Important Dates

- May 15, 2009 (Fri): Deadline for submission of 1,000 word extended summary
- June 19, 2009 (Fri): Notification of acceptance
- July 17, 2009 (Fri): Submission of final camera-ready papers

Paper Submission and Publication

Acceptance of papers will be decided based on a 1,000 word extended summary. The final camera-ready papers should not exceed 6 pages. All accepted papers will be published in the proceedings of the FAN09 symposium. *Well-presented papers in the workshop will be asked to be revised, and published in a special issue of International Journal of Innovative Computing, information and Control (indexed by SCI) on Aware Computing.* For further information about online submission, please refer on the web page of the workshop.

Registration

The registration policy will be the same as the FAN09 Symposium. See the FAN09 web page for details.