

The 1st International Workshop on Self-Conditioned Computing (iWSC 2013)



Nov. 2-4, 2013, Aizuwakamatsu, Japan, <http://www.u-aizu.ac.jp/conference/conf2013/iwsc13/>
in conjunction with International Joint Conference on Awareness Science and Technology & Ubi-Media Computing

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Conference Venue: The University of Aizu, Aizu-Wakamatsu, Japan (This event will be held along with the 20th anniversary of the University of Aizu as it was firstly established in 1993.)

Sponsor: IEEE SMCS Japan Chapter

Technical Co-Sponsors: IEEE CI Society and IEEE SMC Society

Additional Support is provided by: IEEE SMCS Technical Committee on Awareness Computing, IEEE CIS Task Force on Aware Computing, IEEE CIS Task Force on Brain Informatics, IEEE Sendai Section, IEEE Tainan Section, Computer Society of India, and Taiwanese Association for Consumer Electronics.

Scope: As a famous slogan, "Connecting People", goes, so much is being said that the development, and trend as well, of technology has a relationship rather close to the nature of human beings. Recent paradigms, such as Cloud Computing that advances conventional network infrastructure for data storage and resource sharing, Internet of Things that investigates the intelligence and awareness of objects involved in the network, and etc., have set the examples. With the advantages by mentioned paradigms, people tend to make themselves online, which can easily be instanced by their willingness towards placing almost everything (e.g., data, private information, etc.) on the Internet. However, the state of being dependent on these more and more complex paradigms and associated techniques is obviously revealed on the other hand. Although considerable benefits are envisioned, issues concerning the survivability in the environment remain challenging.

Purpose: The First International Workshop on Self-Conditioned Computing (iWSC 2013) will be held in conjunction with the joint International Conference on Awareness Science and Technology & Ubi-Media Computing (iCAST & UMEDIA 2013) in Aizuwakamatsu, Japan, on November 2-4, 2013. The aim of the workshop is to investigate issues regarding the growth of threats it may cause to human being and human society in the new computing paradigms mentioned above, and come up with potential solutions towards them. Interdisciplinary concerns have been considered to run the workshop. Two primary issues will be discussed: (1) How can human beings survive if the infrastructures of network and information are terribly damaged naturally (e.g., earthquake, tsunami, etc.) or artificially (e.g., hacking, terrorist attacks, etc.); and (2) How can human beings survive if the Internet or part of it becomes self-aware (e.g., using our data without permission, trying to control human behaviors, etc.), and turns out to be the enemy of human beings.

Important dates

- May 20, 2013: Date for abstract submission
- June 15, 2013: Date for full paper submission
- July 15, 2013: Notification of acceptance
- Aug. 15, 2013: Submission of final camera-ready papers

Paper Submission and Publication

Paper needs to be submitted in IEEE two-column format. Manuscript should be unpublished work, must include enough detail about the goal, the problem to solve, proposed methods and main results. Length of the final camera-ready paper should be 6 pages. A maximum of additional two pages will be allowed with extra payment. Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases. Selected papers will be recommended, with minor/major revisions, for publication in journals.

