The Fifth Workshop for Ubiquitous Networking and Enablers to Context-Aware Services

in Conjunction with SAINT2008
Turku, FINLAND
July 28 – Aug. 1, 2008

Call for Papers

Theme of the Workshop

A "ubiquitous networking" is a federated network technology which supports various enablers such as 3G mobiles, RFID tags, sensors, actuators, etc. On the ubiquitous networking environments, information is explosively used for various kinds of purposes (information-explosion: http://www.infoplosion.nii.ac.jp/info-plosion/ctr.php/m/IndexEng/a/Index/).

The ubiquitous network has enough capability to deal with huge number of IP packets generated from enablers. At the same time, a lot of broadband contents are requested to be delivered with perfectly controlled QoS. Efficient and scalable routing and transport mechanism for supporting such various traffics are fundamental requirement on the network.

From a service perspective, a number of context or ambient aware services are envisaged for "ubiquitous networking" in "information-explosion era." A service platform will manage and create services based on the context. There should be discussions how to collect and generate user context, how to create or synthesize services efficiently, and how to develop such systems using emerging software and hardware technologies. There could be also discussions how to control network performance based on user policy or service level agreement. Providing robust security over all ubiquitous networks in a simple fashion is an important issue associated with service provisioning to users. Keeping privacy in ubiquitous networks is also a big issue.

The other important aspect is enablers or ubiquitous objects themselves where users are commonly faced with. What is a suitable design and implementation of such objects? How they could be connected to a ubiquitous network to provide contexts or how could they communicate with each other?

This workshop is one of the best opportunities to address this theme in sufficient depth and breadth, and is intended to share knowledge and exchange ideas, thereby promoting new studies and research topics in this area.

We invite not only academic and industrial researchers but also business persons, all who are interested in "ubiquitous networking" and "information explosion." Advancing technologies, reports on research, reports or suggestions on business models and so on are welcome.

Important Dates for Authors

Workshop Paper Submission: March 1, 2008
Workshop Paper Notification: March 30, 2008

Workshop Final Manuscript:	May 1, 2008
Author Registration Due:	TBD
Workshop:	July 28 – Aug. 1, 2008 (exact date is TBD)

Registration

Workshop registration will be handled by the SAINT 2008 organization along with the main conference registration.

It is the IEEE policy that accepted papers can be published only when IEEE recognized that at least one author has registered for presentation. So, authors will be requested to register along with the final manuscript.

Paper Submission

Papers should be sent to the Program Committee no later than March 1, 2008 via e-mail. The e-mail address is "saint2008-ws-ubiq-nw[AT]lab.ntt.co.jp". After a review process by the Organizer and Program Committee of the Workshop, authors of accepted papers will be requested to send its final manuscript to IEEE-CS press no later than May 1, 2008. So, authors are kindly requested to submit papers as early as possible to facilitate a review process.

Papers and Author's Kit

Workshop papers should be within 4 pages, no extra page is allowed. The Proceedings of the Symposium and the Workshops will be published, in separated volumes, by the IEEE Computer Society Press. Please follow the instruction on the web below where authors can find Page Form and appropriate pointers for LaTeX Macros.

Note
This workshop is partially supported by Japan's MEXT grant-in-aid for Priority area Research called Cyber Infrastructure for the Information-explosion Era. (Principal Researcher: Prof. M. Kitsuregawa)

Please note that, according to the SAINT 2008 Organizing Committee, the workshop is subject to cancel when the number of paper presentations will not be enough.

Organizer
・ Shinji SHIMOJO, Osaka University/NICT, Japan

Program Committee (Tentative):
・ Yuuichi TERANISHI, Osaka University, Japan
・ Takahiro HARA, Osaka University, Japan
・ Kaname HARUMOTO, Osaka University, Japan
・ Junzo KAMAHARA, Kobe University, Japan
・ Takeshi OKUDA, Nara Institute of Science and Technology, Japan
・ Michiharu TAKEMOTO, NTT, Japan
     *: You can contact the program committee at "saint2008-ws-ubiq-nw[AT]lab.ntt.co.jp".