

Call for Papers

Workshop on Networked RFID in SAINT2007

Venue

[International Conference Center Hiroshima, Japan](#)

Dates

The workshop is a part of [SAINT2007](#) held on January 15-19, 2007. Workshop date is to be announced.

Workshop Description

RFID (Radio Frequency Identification) technology has already been penetrating daily life. Electric transactions, and ticketgate operations in transportation systems, particularly in trains in Asian countries, using contactless IC card are the symbolic systems. Long range RFID using UHF passive RFID and active RFID has been also gathering significant industrial interests especially in the supply chain management and international logistics. Behind the primal features, such as contactless identification, writable, and stainproof reading, the largest benefit and feature of RFID are cross-company sharing of the vast information fed by RFID systems from real space using the Internet. This is the Networked RFID. International standardization organizations, such as ITU-T and EPCglobal have been exploiting the area in the name of NRFID or EPCnetwork by standardizing the interface among the entities in the information space.

Networked RFID actually requires physical layer study involvements, such as tag data and wireless system, which mostly confine the communication performance as well as the information system study. Perspective from applications and social impacts are also of significance to define the technological requirements in this growing technology area. This workshop provides a unique gathering place of the multi-layer studies whose primal target is Networked RFID. The encouraged topics for submission to the workshop are as follows.

- advanced Tag Circuitry
- interference in RFID system
- advanced inventory protocol
- sensed RFID system
- service discovery
- data synchronization
- RFID security

- large RFID system management
- RFID application in anti-counterfeit and safe and secure supply chain
- business model and social acceptance of RFID technology
- RFIDs in real business applications

Important Dates for Authors

Paper submission due: September 22, 2006

Submission of the final manuscript of accepted paper: November 1, 2006

Paper Submission

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 for preparing your Workshop papers. <http://infonet.cse.kyutech.ac.jp/conf/saint07/>

Papers should be sent to the Organizer (saint2007networkrfid@autoidlab.jp) no later than September 22, 2006 in the form of full paper. After a review process by 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 November 1, 2006. So, authors are kindly requested to submit papers as early as possible to facilitate a review process.

Organizers

- Osamu Nakamura (Keio University)
- Hao Min(Shanghai Fudan University, China)
- Sang-Gug James Lee(Information Communication University, Korea)

Program Committee for Paper Review

- Duncan MacFarlane(University of Cambridge, UK)
- Peter Cole(The University of Adelaide, Australia)
- John R. Williams(MIT, US)
- Elgar Fleisch(University of St. Gallen, Switzerland)
- Jay Kishigami (Nippon Telegraph and Telephone Corporation, Japan)

Contact

Please contact saint2007networkrfid@autoidlab.jp for any enquiries. Please visit <http://saint.autoidlab.jp/> for the latest information on the workshop.