Message from the Organizers of the Workshop on Networked RFID

RFID (Radio Frequency Identification) technology has already been penetrating daily life. Electric transactions and ticket gate operations in transportation systems, particularly in trains in Asian countries, using contact less 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 contact less identification, writable, stain proof 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 Networked RFID.

Networked RFID 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.

The organizers hope that this workshop will provide a unique and important gathering place of the multi-layer studies whose primal target is Networked RFID.

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