

SEZAKI LAB.

demonstration

[Ubiquitous Network and Location Information]

IIS , CSIS

Information & Communication
Engineering<http://mcl.iis.u-tokyo.ac.jp>Socio-cultural Environmental
Studies

Information and Communication Engineering

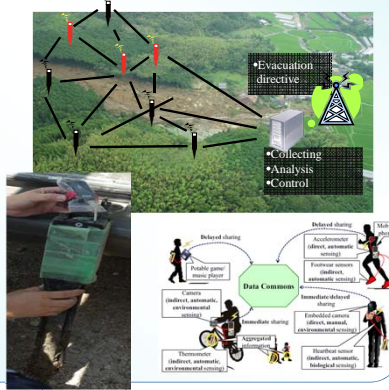
Network Technology

■ Mobile Ad Hoc Network, Sensor Network

- Network that can be constructed even with environment without infrastructure
- Multi-hops between terminals wireless

■ Research topic

- Power control
- Routing
- Multicast
- Data delivery
- Data aggregate
- Disaster



Commu Sense

Current state of noise measurement

- Only local measures , during the fixed time.

- Weekday and holiday, 24 hours, large area
- A Unified Database and Energy saving middleware
- By resident measures
 - Android-based Sound Noise Measurement



Mobile-Phone Geo-Coded Images With Sensor Information

■ Generator of Dynamic street image flows

The conventional street view services cannot reconstruct a various view according to a user's specified condition which includes **a season, a time and weather**.

A dynamic mechanism for generating a series of relevant images along streets using user-submitted huge photographs.



Estimation of Human Behavior Using Twitter and GeoTag



RFID Antenna for new Materials

IntelliGlass: Totally transparent Passive RFID antenna



- RFID Antenna for new materials, "glass".
- "IntelliGlass" is totally transparent passive RFID antenna.
- It is possible to use in the shape that blends in the interior, like a bar, shop, advertisement and so on.



Smart Grid

- V2G(Vehicle to Grid)
Aggregator integrates the batteries of two or more cars and it controls.

