Project Overview

- Long-term goal: Context-aware, mobile pervasive computing systems

- Cricket: Indoor location system based on RF and ultrasound

    – Scalable, autonomous, deployable, facilitates privacy

- Intentional Naming System: Resource discovery

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Progress Through December 2001

- Deployment in parts of NE43; used in Oxygen course; disseminated to ~15 university groups

- Algorithms for autoconfiguration (partial)

- Compass design iteration

- CricketNav navigation application

- Scalable INS using p2p ideas

Research Plan for the Next Six Months

- Autoconfiguration algorithms

- Measurement/experiments in "non-lab" settings

- Continue compass engineering

- Monitoring and control applications for Cricket