Project Overview


9807-04: Cricket: A Location-Support System for Pervasive Mobile Computing

Hari Balakrishnan and John Guttag
Progress Through June 2002

- INSTwine paper (Pervasive 2002 conf)
- Cricket compass design and apps
  - Physics
    - Uses ball-and-spring model inspired by
      - Decentralized algo. with local node
    - Decentralized algo. with local node
  - Progress on auto-configuration

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Research Plan for the Next Six Months

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• Implement autoconfiguration algorithms and prove properties
• Continuously engineering and monitoring and control applications for large-scale sensor information processing
• Continue compass engineering and apps
• Implement autoconfiguration algorithms