



EECS 373

Design of Microprocessor-Based Systems

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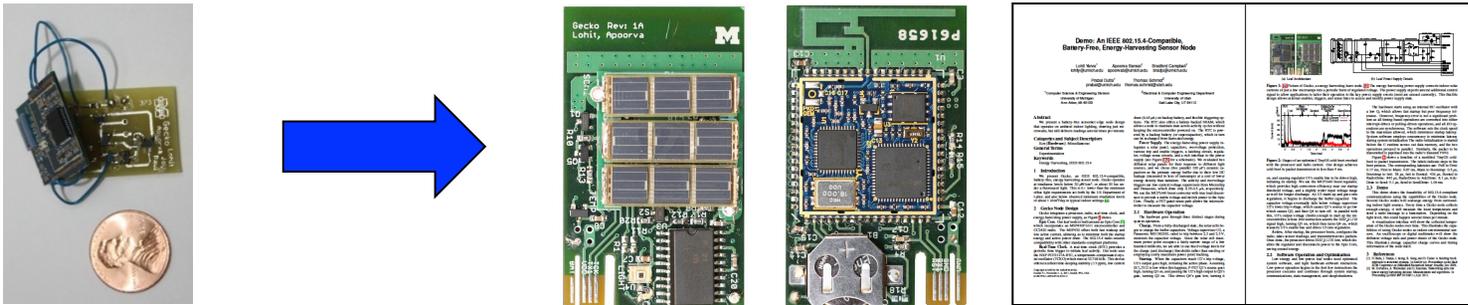
Lecture 12: Midterm Return; Projects

Oct 21, 2014

Sample projects from F' 10 and their results



- Energy-harvesting sensors →
Sensys demo, IPSN paper, TI project, Master's thesis



- Wireless AC Power Meter →
SURE, IPSN demo, NSF GRFP, SenSys paper, Grad School



Research Projects for this Semester



- Fixture orientation detector
- LED Communications Channel
- Smart Irrigation
- Properly dimmable LED
- Eye-tracking eyeglasses
- Vibration Communications Channel

Midterm Statistics



- Mean: 80.6% STDEV: 11.9%
- Median: 84% High: 97% Low: 35%
- Worst Problems: #5 (57.6%), #6 (62.6%), #7 (76.7%)

