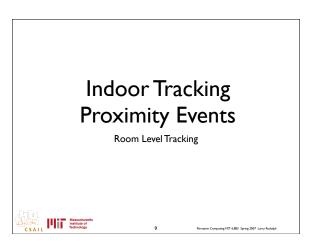
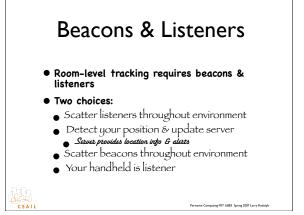
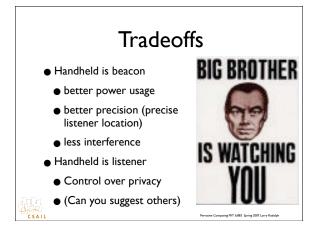


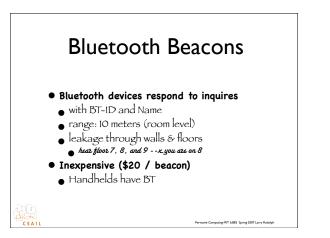


Orientation LocationProvider
Corrigues
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LocationProvider
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● <u>http://www.jcp.org/en/jsr/all</u> (J2ME Packages)
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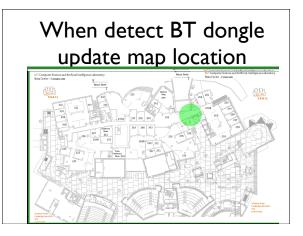
## **Bluetooth Beacons**

- First decision -- Where to put beacons
- Put them in PC's -- they are everywhere
- Unfortunately, they disappear :(
- Put them in powered usb hub, near AC outlet
  - Initialize via laptop, then remove laptop
  - $\bullet$  BT Dongle will continue to respond to inquiry

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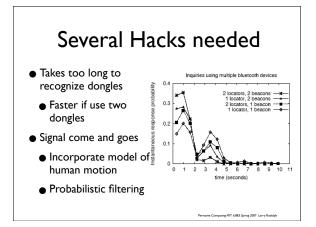


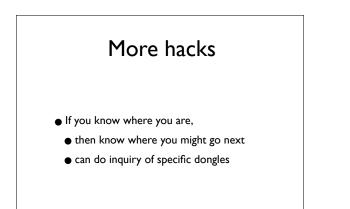




## What doesn't work

- Signal strength does not work well
  - need radio map
- Track while walking
  - 10 sec to detect, walking rate ~ 1 m/s, easy to miss dongle altogether
- Embed location info in dongle name
- takes even longer to detect
- Cached BT names, must not use





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