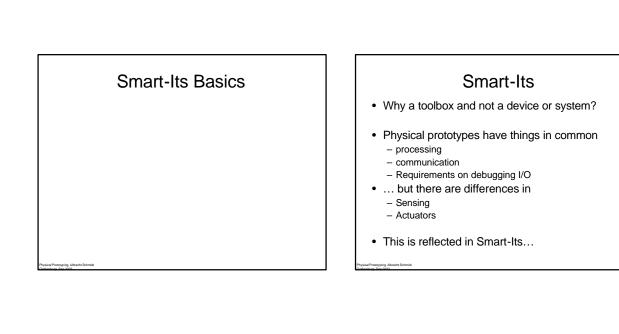


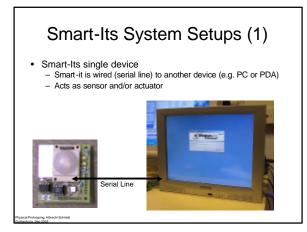
Brief Course Outline

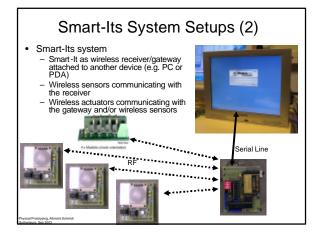
- Breaking Interface Conventions?
- Exercise creating a cooperative multi user game
- Nature and Value of Physical Prototyping
- Break
- Smart-its basics
- Smart-its enhanced light
- Lunch break
- Students project (afternoon) Smart-its enhanced light

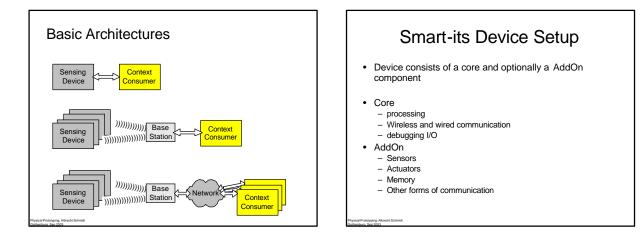
rsical Prototyping, Albracht Schmidt

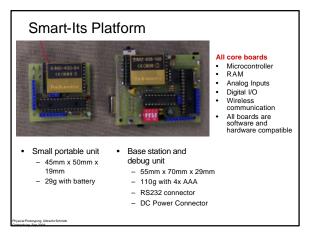
- Smart-its enhanced light results
- Building Smart-its hardware
- Break
- Developing Smart-its Software
- Smart-its Examples
 Wrap-Up
- Wrap

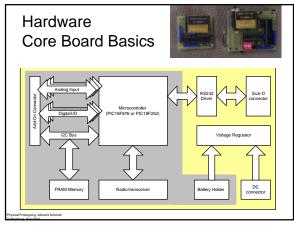


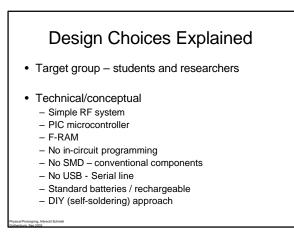












AddOn Connector

- · Mechanical function
 - Hold the AddOn board
- Electronics
 - Provide
 - Power and GND
 - 5 Analog IN
 - 7 Digital I/O
 - I2C bus



Physical Prototyping, Albrecht Schmidt

Hardware Sensor Board Basics

Image: space space

Debugging

At Pain...

• Can be hardware, communication, system software, or application software

Had influence on design choices...

- Change configuration
 (by physically moving processor and FRAM)
- Debugging is easier that way!

