

- **Send-Receive Problem**
  - A receiver node must not proceed past a point at which it should receive a radio packet until the sender is beyond the point
  - Time to send a byte on mica2: **610**
- **Sampling Problem**
  - A node sampling the RSSI value of a signal should not proceed past a point in time where possible senders can influence the signal
  - Time to sample RSSI on mica2: **83**

**parallel, cycle-accurate simulation**

**Re**

**g** problems

**d timing** of

## •Cycle-accurate AVR sim

- Efficient execution of program
- Accurate timing of program with devices

## •Device and Radio simula

Timers UART SPI CC10