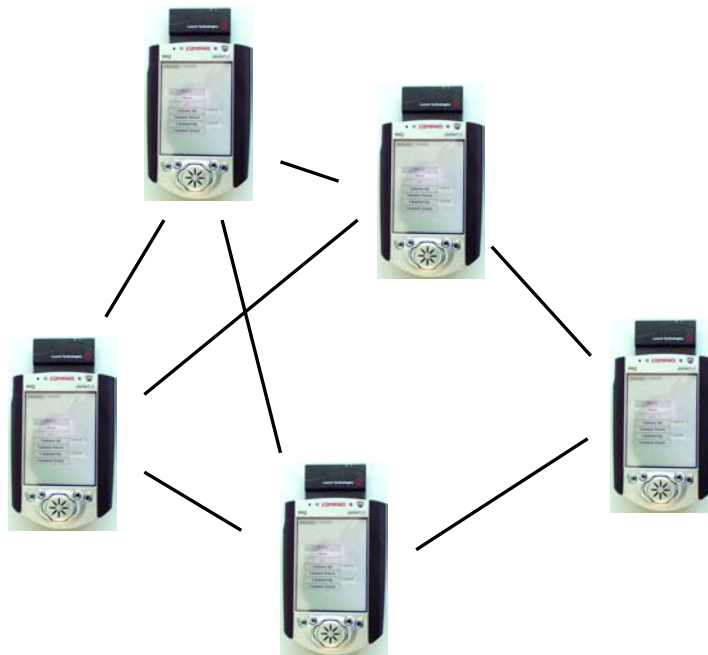


Semester Thesis “Measurements for Ad-Hoc Modeling”

In the exercises of the “Mobile Computing” lecture (SS 2002) and in subsequent student projects we built an ad-hoc network consisting of notebooks equipped with Wireless LAN cards.

In this thesis you will devise, perform, and interpret a number of measurement series to measure different parameters of our ad-hoc network, above all connectivity within the network, given different environmental conditions, such as open space as opposed to walls. The goal of the thesis will be to propose different characteristics to be considered when trying to model an ad-hoc network as a communication graph.



Skills

- Interest in devising and performing measurements in an ad-hoc network
- Experience gained in exercises of lecture Mobile Computing will be of help

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