Ad Hoc Networks
(Blockseminar)
WS2008/09

1st Meeting
22nd October 2008
Contents

- Registration
- Introduction
- Organization
- Literature
- To Do!
Registration

- Confirmation of participation
  - Contact email address

- Waiting list
Introduction

- Ad hoc Networks
  - Mobile Ad hoc Networks
  - Wireless Sensor Networks
Organization
General

- Seminar conducted in English
- Paper Selection
  - Select 3 to 5 papers from our literature
  - Sort them by priority in a list
  - Submit the list on the seminar forum by 25th October
    http://cone.informatik.uni-freiburg.de/forum/viewforum.php?f=29
- Optional discussion – upon appointment made via forum/email
- FIRST Presentation
  - 10th December, 2008 11:00 and
  - 15th December, 2008 09:00
- FINAL Presentation (dates are tentative)
  - 16th February, 2009 and
  - 17th February, 2009
- Any news will be announced at
  - http://cone.informatik.uni-freiburg.de/lehre/seminar/adhoc-w08
Organization Presentations

- **First Presentation**
  - At most 15-minute presentation
  - Only introduction of the assigned own paper

- **Final Presentation**
  - 30-minute presentation *(own topic)*
    - Prepare slides and 1-page summary (< 500 words)
    - Submit them one day prior to presentation
  - 10 to 15-minute Q&A
  - Q&A Session *(two other topics)*
    - Prepare abstract and questions for two more topics assigned
    - Abstract should be at most 300 words
    - Submit them one day prior to presentation
  - Your presentation will be recorded
Organization

Grading

- ECTS: 4

- First Presentation 10%
- Final Presentation > 50%
- Others ~40%
  - Overall Participation
  - Q&A
  - Written documents (abstracts/summary)

*** Note that attendance to BOTH the first and final presentations are compulsory ***
Link: http://cone.informatik.uni-freiburg.de/lehre/seminar/adhoc-w08/literature.html

Topics cover:

- Exploiting controllable mobility
  - To increase capacity
  - To improve routing/data delivery latency
  - For data collection
  - Relocate sensors for coverage

- Target tracking
  - Distributed mobility management
  - Gradient-driven

- Others
  - Fault-tolerant by bi-connectivity of mobile robots
  - Aeronautical MANET
  - Multihop relays deployment
  - Navigating mobile sensors in hybrid sensor network
To Do

➢ Submit the list of preferred topics on seminar forum by 25th October, 2008

➢ Any more questions?
Thank you!