

Exam in “Ad Hoc and Sensor Networks” HS10

The written exam in “Ad Hoc and Sensor Networks” covers the following materials:

- Slides of Chapter 1 to 13 **without** the following slides:
 - Chapter 3: Slides 30-35 (Analysis slides)
 - Chapter 5: Slides 38-45 (Foreign Coding)
 - Chapter 6: Slides 25, 38-39, 48-80 (IEEE 802.11a/b)
 - Chapter 7: Slides 25-28 (Randomized Algorithm)
 - Chapter 8: Slide 29
- We will not ask you difficult or detailed questions about the following topics (however, we expect that you know the definition and that you could explain this definition using some simple examples):
 - Chapter 4: Universal Data Gathering Tree (Algorithm not fully explained)
 - Chapter 9: Embedding Theory (Slides 36-40, Algorithm not explained)
 - Chapter 10: Slides 22-26, 42-45, 48-49 (Parts of analysis skipped)
 - Chapter 11: Compact Routing (Slides 35-42)
 - Chapter 12: Scheduling algorithm (Slides 31-33), One-Slot-Scheduling (Slides 44-48)
- Lecture Notes for Chapters 2, 3, 7, 8, 10 and 12
- All Exercises
- TinyOS Lab Exercise:

We do **NOT** expect you to write any TinyOS code in the exam, but you should know about the basic concepts of TinyOS and the hardware. We recommend that you go through the slides about the TinyOS exercise again and quickly read through the “Getting started with TinyOS” tutorial.

Last updated: January 28, 2011, 13:30