

## Topics for the re-exam in DM534

The topics are:

1. Data storage (including number representations)
2. Data manipulation (machine architecture)
3. Operating systems
4. Networking and the Internet
5. Algorithms
6. Database systems
7. Artificial intelligence
8. Theory of computation

The oral re-exam will take place on February 23. You will receive a list through Blackboard of the order students in DM534 will take the exam along

with a starting time for the first student to draw a question. The sign-up lists cannot be used to exactly calculate an exam time since some students may not show up. Since, as for all classes, the external examiner is only paid for students who are examined, not for sitting and waiting, if a student is not there, the next student on the list (or the first student for the next course) who is present will be taken. When there are no more students ready to be taken, the external examiner may leave, so show up plenty early to make sure you are examined. Two hours before your expected exam time is probably safe enough, unless you are not among the first 12 students. We are not expecting any more students after that, so show up by 15:00 at the latest. (Although it says that the first should draw at 10:00, if some students do not show up for the exam the external examiner has before DM534, we will begin earlier. The first few students should show up by 9:00.)

You will draw a topic from the list of topics listed above (notice that they correspond to chapters in the textbook). You will have 30 minutes to prepare your presentation. During this time you may use the book and your notes. You may also make short notes that will help you to organize your presentation, but that will have no other technical content. The exam will take about 30 minutes per person. Prepare your presentation so that it takes about 10 to 15 minutes. Make sure you cover the most important ideas from your topic, though this may mean that you need to skip some details. Your presentation may be interrupted with questions or cut short to go on to other topics. Towards the end of the 30 minute period, you will typically also be asked short questions not related to the material you talked about.

You may do your presentation in either Danish or English (though Danish is strongly recommended).

Come ask Joan if you have any questions.