

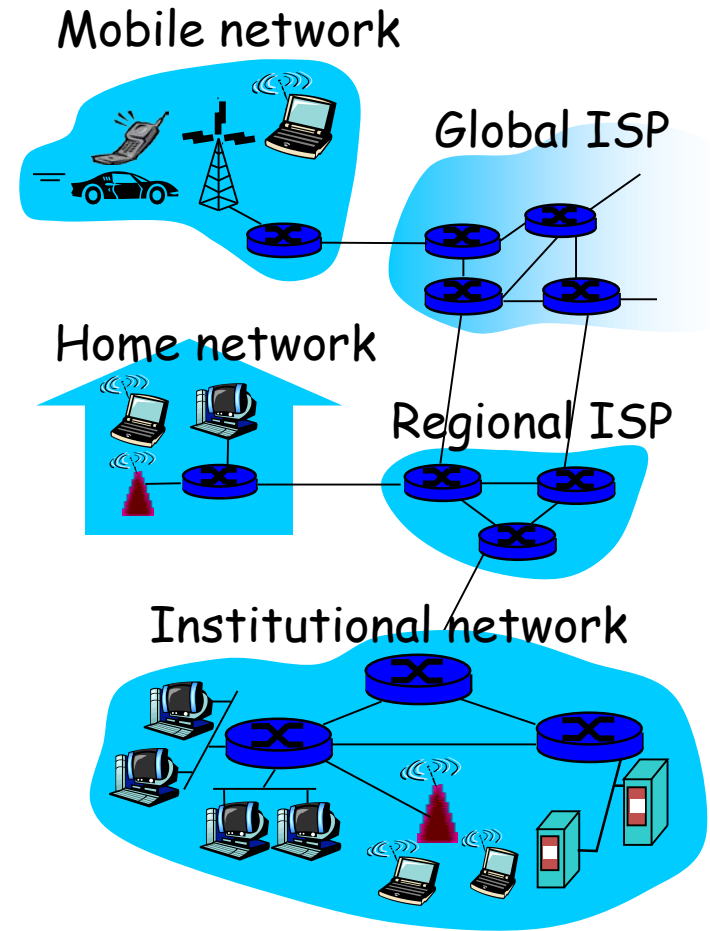


Course Computer Communications Study Period 3

EDA344, DIT 423

Course Aims

- Study data communication and computer networks
 - Learn well the basic principles, to follow **constant change** in the field
 - Learn to deal with bigger problems by breaking into small ones
- After completion of this course, the student should be able to
 - distinguish **network services, related protocols, new systems** relating with IoT, big data and virtualization
 - understand **possibilities and constraints** in the existing systems
 - build and configure a **working network**



Course Homepage & Support Team

<http://www.cse.chalmers.se/edu/course/EDA344DIT423>

Page in pingpong link from above, for assignments submission and administration

Examiners:

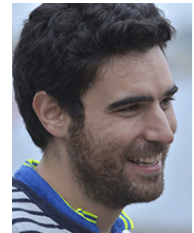
- Marina Papatriantafilou
- Ali Salehson ("siblink" course EDA343)

Guest Lecturers:

- Romaric Duvignau (Chalmers)
- Zhang Fu (Ericsson research, Software defined Networks)
- Dimitris Palyvos Giannas (Chalmers)
- Possibly guest lecture by Spotify or Combient

TAs :

- Aras Atalar
- Amir Keramatian
- Prajith Ramakrishnan Geethakumari



Main textbook

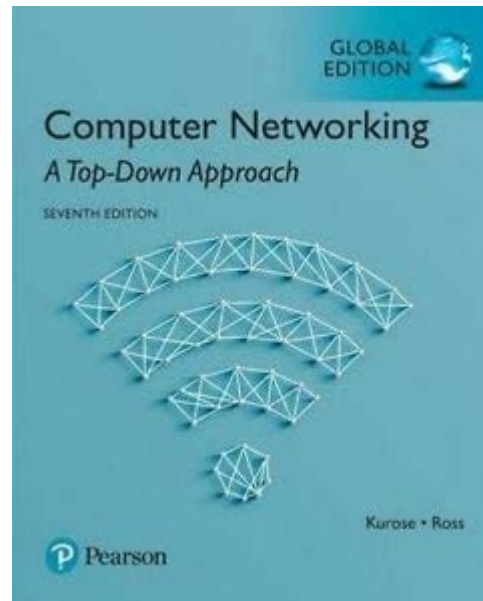
J. F. Kurose and K. W. Ross, **Computer Networking: A Top Down Approach**, 7th edition, Addison Wesley, 2016

(International Edition, blue cover)

online resources website (same for Int'l edition and the green-cover one):

(check/use it! Includes applets/ animations, blogg, interactive execrcises, ...)

http://wps.pearsoned.com/ecs_kurose_compnetw_6/216/55463/14198700.cw/



Course organization

- 16 Lectures, incl. 2 guest talks, 2 tutorials, 5 Exercises sessions
 - Cf "Lectures and Exercises" @ web page
- Labs and Assignments(3 compulsory items + 1-2 optional)
 - Cf "Assignments and Exam" @ web page

1

Lab1: wireshark lab

2

Lab2: Network configuration lab

3

Take-home-questions assignment (overview and in-depth study)



Optional and useful:

http programming-assignment

You get: RFCtraining + bonus points if you pass the March 2018 exam

optional/
available
upon demand

Cisco assignments&test

Extra training + bonus points if you pass the March 2018 exam

- Written exam (re-exams joint with EDA343)

Todos

- Get **registered** (student_office.cse@chalmers.se)
 - only then possible to get credit from completed work
 - get access to admin/submission system pingpong
- Come to classes; take part in discussions;
- Study, exercises & assignments in pace with classes; don't wait 😊
- use the book's companion site

“It's a funny thing, the more I practice the luckier I get.”
– Arnold Palmer

Sunday thoughts
12 Jan 2014 8:10 pm

Especially for **labs & assignments**:

<http://www.cse.chalmers.se/edu/course/EDA344DIT423/assign.html>

- **Admin+submission through the pingpong system**
 - form groups of 2 (take joint time availability into account)
- For **labs 1&2**: submit **preparation test to get invitation to Book timeslots**
 - Study the questions, carry out the tasks @ lab (Lindhomen)
- For optional programming assignment:
 - Questions in the Q&A sessions; demonstrate your solution in the demo session

For all items: Submit what needs to be submitted **by the due date**

Student representatives for feedback

Randomly selected by the study administration to be student representatives:
(email @student.chalmers.se)

Will be mentioned on web pages (after confirming acceptance)

TASK: responsible for discussing about the course together with the examiner/course responsible and the program board of the program that gives the course, as follows:

1. The student representatives and the course responsible have **two informal meetings during the course**: one in the second study week (get acquainted) and one after approximately half the course (give feedback to the teacher on the progress of the course).
2. After the course, an evaluation questionnaire is sent out. The examiner will get an opportunity to add extra questions to the standard questionnaire.
3. In the middle of the next study period, there will be an **evaluation meeting**: the student representatives and the examiner/course responsible meet the board of the program who gives the course, discussing the course's advantages and potential for improvement.

The student representatives participating in the final meeting get a gift certificate valid at Cremona.

Questions?

