

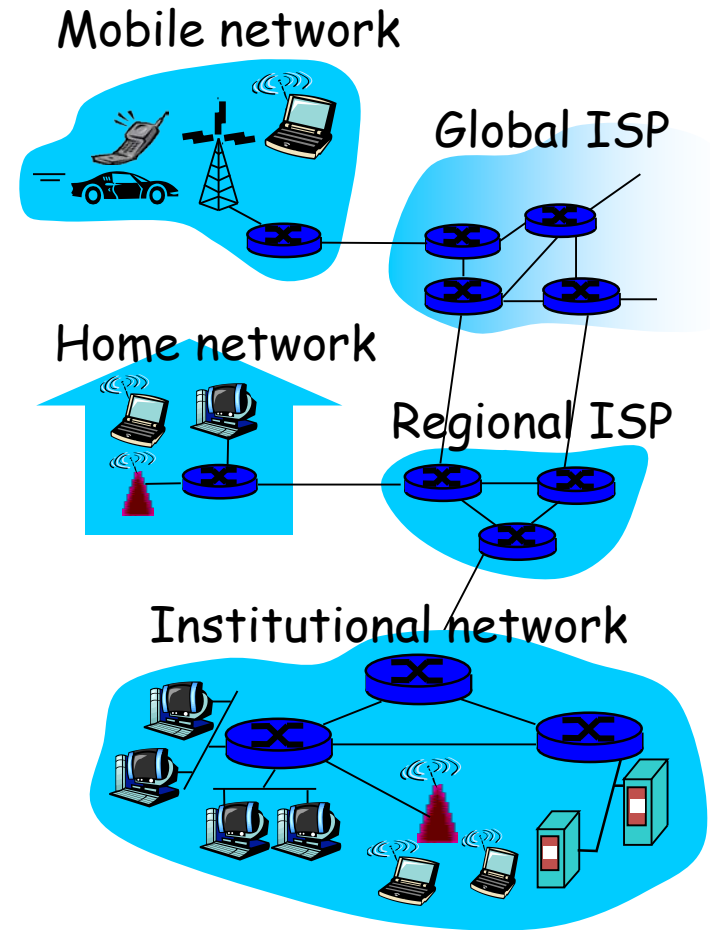


# Course Computer Communications Study Period 3

EDA344, DIT 420

# 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**
  - understand **possibilities and constraints** in the existing solutions
  - build and configure a **working network**



# Course Homepage & Support Team

<http://www.cse.chalmers.se/edu/course/EDA344DIT420>

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

## Examiners:

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

## Guest Lecturers:

- Zhang Fu (Ericsson research, Software defined Networks )
- Vladimir Savic (Chalmers)
- Elad Schiller (Chalmers)
- Valentin Tudor (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**, 6th edition, Addison Wesley, 2013

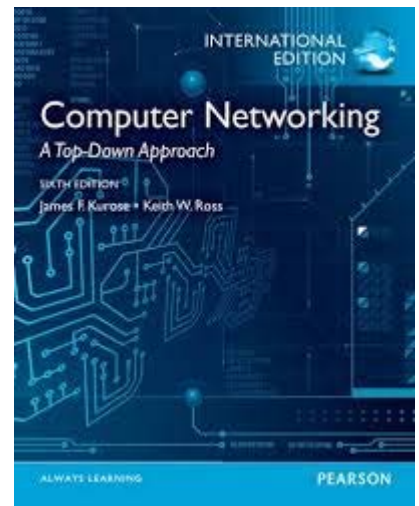
(International Edition, blue cover)

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

Note: There is a 7/e published very recently; we will use some limited seected parts



# Course organization

- 14 Lectures, 1 gest talk, 2 tutorials, 5 Exercices sessions
  - Cf "Lectures and Exercices" @ web page
- Labs and Assignments( 3 compulsory items + 1-2 optional)
  - Cf "Assignmets 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 2017 exam

optional/  
available  
upon demand

**Cisco assignments&test**

Extra training + bonus points if you pass the March 2017 exam

- Written exam (re-exams joint with EDA343)

# Todos

- Get **registered** ([student\\_office.cse@chalmers.se](mailto:student_office.cse@chalmers.se))
  - Only then possible to get credit from completed work
  - Provides 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/year/2016/course/EDA344/assign.html> )

- **Admin+submission through the pingpong system**
  - Contact [student\\_office.cse@chalmers.se](mailto:student_office.cse@chalmers.se) if you have no access
  - 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**

- Notice:

- important dates @ home page
- time slots for http programming assignment are for Q+A and Demo, i.e:
  - TA support possible then ( this is their available support "bandwidth"); also consult the Q&A info before
  - actual programming work: your own planning and schedule

# 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?

