

# Network Protocols and Architectures

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# General information (1)

- ❑ Area: BKS – Hauptstudium Vertiefer
- ❑ Master/Bachelor Module: INET BASIS  
(BA/MA: with tutorial only)
  
- ❑ Time and room
  - Wednesday: 10:00 – 12:00 German MA042
  - Wednesday: 12:00 – 14:00 English MA841
- ❑ Web site
  - [http://www.net.t-labs.tu-berlin.de/teaching/  
ws0809/NPA\\_lecture/](http://www.net.t-labs.tu-berlin.de/teaching/ws0809/NPA_lecture/)
- ❑ Mailing list
  - see Web page

# General information (2)

## □ Prerequisite:

- Grundstudium or similar

## □ Tutorials

- Recitation sessions + homework assignments

# General information (3)

## □ Options

- 2 SWS (or 3 LP) for Lecture only
- 4 SWS or 6 LP for Lecture + Tutorial
  - 50 % of exercise points => passed tutorial

### Bonus on exam grade:

- 60 % of exercise points => 0.3 bonus for exam grade
- 75 % of exercise points => 0.7 bonus for exam grade

## □ Registration for tutorials

- [http://www.net.t-labs.tu-berlin.de/teaching/ws0809/NPA\\_lecture/anmeldung/](http://www.net.t-labs.tu-berlin.de/teaching/ws0809/NPA_lecture/anmeldung/)

# General information (4)

## □ Tutors

- Fabian Schneider
- Oliver Hohlfeld
- Thomas Hühn

## □ Exam

- For those that need it 😊
- Oral or written exam after semester end  
(depends on # of participants)

# What is this course?

- ❑ Introduction on how the Internet works
- ❑ Focus:
  - Internet architecture
  - Network application protocols
  - TCP
- ❑ Other topics include
  - Routing, P2P
  - Quality of service (QoS)
  - Multicast

# Reading

- ❑ Kurose and Ross:  
Computer Networking: A Top-Down Approach  
Featuring the Internet.  
Fourth edition, Addison-Wesley, 2007  
Preliminary edition online: student (quarter24)
- ❑ Peterson, Davie:  
Computer Networks. A systems approach  
Fourth edition, Morgan Kaufmann 2007
- ❑ ... see Web