

# Internet Measurement

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## General information (1)

- Area: BKS – Hauptstudium Vertiefer (Diplom)  
or KT (Kommunikationstechnologie, Master Info)
- Time
  - Wednesday: 10:00 – 12:00
- Room
  - MA 042
- Language
  - English (questions can be asked in German!)
- Web site
  - [http://www.net.t-labs.tu-berlin.de/teaching/ss08/IM\\_lecture/](http://www.net.t-labs.tu-berlin.de/teaching/ss08/IM_lecture/)
- Mailing list
  - see Web page

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## General information (2)

- Prerequisite:
    - Grundstudium
    - NPA, TKN or equivalent knowledge of the Internet
  - Lecture with worksheets
    - Lectures
    - Worksheets: roughly four
    - Discussion of worksheets
    - In total: 2 SWS
- Bonus on exam grade:
- 0.3 depending on worksheet solutions (> 50%)

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## General information (3)

- Exam
  - For those that need it ☺
  - Oral exam after semester end

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## What is this course?

- ❑ Not an introduction on the Internet
- ❑ Focus: Measuring the Internet
  - Methodology
    - Why to measure
    - How to measure
    - How to interpret measurement results
    - How to do performance evaluation
  - How does the Internet actually look like
    - Application characteristics
    - Traffic characteristics
    - Topology / route choice

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## Reading

- ❑ **Crovella and Krishnamurthy**
- ❑ Raj Jain  
The Art of Computer Systems Performance Analysis  
Wiley & Sons, New York, 1991
- ❑ Kurose and Ross:  
Computer Networking: A Top-Down Approach Featuring  
the Internet.  
Fourth edition, Addison-Wesley, 2007  
Preliminary first edition online: student (quarter24)
- ❑ ... see Web

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