Prof. Anja Feldmann, Ph.D.

Network Architectures: Internet Measurement

Preparatory Meeting

Technische Universität Berlin
Intelligent Networks / Intelligente Netze (FG INET)

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Overview

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Seminar Overview

2 SWS / 3 LP

Exam:
- Talk
- Summary paper
- Oral participation

Prerequisites:
- Profound knowledge in computer networks
- GOOD English for reading scientific papers
Seminar Content

Recent findings and scientific insights concerning Internet measurement, e.g.:

- Traffic analysis / characterization
- Security
- Cacheability / Content
- Network Architecture
- Online Social Networks
- Wireless
- Peer-to-Peer
Intention of the Seminar

- Practice to work with original literature
- Practice of professional/scientific talks
- Practice to organize yourself/work autonomously
- Occupation with a small, well-defined yet recent research topic
Seminar Certificate

To receive the seminar certificate we require:

- A successful presentation/talk
- A seminar paper acceptable by us
- Continuous attendance and active participation and contribution
  - In the group meetings as well as
  - During the seminar presentations and discussions
Timeline

Preparatory Meeting
April 20th, 2017

End of Semester

Talks
Timeline: Registration

Registration until April 30th, 2017 (23:50)

Select topics:
(If you don't have an ISIS account, contact Mirko by Email AsSoonAsPossible!)

Via ISIS (web): https://isis.tu-berlin.de/course/view.php?id=9521
("INET IM SE S17")

Registration
April 30th, 2017 (23:50h)
Timeline: Topic Choices

Announcement of assigned topics by May 2nd, 2017
Topic <-> Student matching via web or email

Announcement of assigned topics
May 2nd, 2016
Timeline: Topic Elaboration

Understand the topic
- Search for additional literature
- Read and understand it

Topic Elaboration
May 7th, 2017
(23:50h)
Timeline: Meeting

Meeting with supervisor by May 12th, 2017

It is recommended to send your supervisor a short structural draft as discussion basis one or two days earlier.

Meeting till
May 12th, 2017
Timeline: Literature Summary

Summarize literature in a seminar paper
- 10 pages (pdf or ps)
- Guidelines for writing can be found under: http://www.net.t-labs.tu-berlin.de/teaching/gl_seminar_en.shtml#ausarbeitung
- Until June 2nd, 2017

Literature Summary
June 2nd, 2017 (23:50h)
Timeline: Peer Review

Read and correct the seminar paper of other participants in the group

- Guidelines are on the seminar web page
- Subsequently: Exchange comments in a group meeting (attendance is mandatory!)
- Separate appointment for every group

Peer Review
June 12-16, 2017
Timeline: Paper Revision

Incorporate comments of the group meeting into seminar paper

Paper Revision
June 23rd, 2017
(23:50)
Timeline: Slides

- Start to prepare slides after June 23rd
- Send first version of your slides to your supervisor by July 9th

First Draft Version of Slides
July 9th, 2017 (23:50)h
Timeline: Slides

- Meet with supervisor and discuss slides (by July 14th)
- Incorporate comments of supervisor in slides and send the final version until July 23th

Final Version of Slides
July 23th, 2017
(23:50h)
Timeline: Talks

Talks will be given after the lecture period (Vorlesungszeit)

- Blockseminar: 1-3 days (depends on #students)
- Present the paper
- 45 min per talk (30 mins talk, 15min discussion)
Timing in General

Deadlines are fixed and hard!
- (-0.3 penalty/day of delay on the final mark)

Organize yourself
- Appointments with your supervisor
- Group discussions
- ...

Discuss schedule in advance
- Vacation is no excuse!
Topics

19 pre-defined topics
Can be found on the seminar (INET) page
- Including abstract and linked pdf

This is a starting point!
Additional research is required!
Plagiarism

- Do not copy the work of others!
- Self-Plagiarism is a reason to fail you!
- Cite **everything** you use
- Paraphrasing is also plagiarism!
Forum

Discussion Forum on the ISIS website. (for student internal discussion)

Separate Announcement Forum for announcements on our behalf.
Contact

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