

T-110.5191

Seminar on Internetworking

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Aalto University

School of Science

Agenda

- Course Organization
- Important dates
- Signing up
- First draft, Full paper, Final paper
- What is a good seminar paper
- Course Theme
- Course Topics

Course Organization

- Responsible teacher: [Antti Ylä-jääski](#)
- Course assistant: [Sandeep Tamrakar](#)
- Course materials can be found in **Noppa**
- Contacting course staff via email: T-110.5191@tkk.fi
- Paper and comment submissions: **Optima** workspace
- Additional English Language Support course:
 - [Roger Munn](#)
 - **Mandatory for all except for those who are taking KIE-98.1310**

Course Overview

- **T-110.5191 Seminar on Internetworking P (5 cr)**
 - **Students write a technical paper (~8 pages)**
 - Format of a technical or scientific conference publication
 - **Requirements:**
 - Writing the paper (60%)
 - Presentation in a two-day seminar (25%)
 - Acting as an opponent for another student (15%)
 - **Tutor for all students**
 - **Individual work, no groups**
 - **Max ~25 participants by application**
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Important dates

- Introductory Meeting: **Mon 16.1. 16-19 in T2**
- Course Sign up: **Fri 19.1**
- Assigned Topic announcement: **Mon 23.1**
- First Draft: **Wed 8.2**
- Full Draft: **Wed 14.3**
- Final Paper: **Wed 18.4**
- Second Course meeting: **Mon 23.4 16-18 in T2**
- Seminar days: **Wed 9.5 in T3**
- Detail course schedule can be found in
https://noppa.aalto.fi/noppa/kurssi/t-110.5191/detailed_schedule

Signing up

- Send email application to T-110.5191@tkk.fi
 - With your name and student no as subject.
 - And all the required information in the email.
- See Noppa page for signing up instructions.
https://noppa.aalto.fi/noppa/kurssi/t-110.5191/sign_up
- B. Sc. and exchange students: discuss with the course staffs before signing up.

First draft (Wed 8.2)

- **Not just filling one page** with introduction and background
 - Should contain a logical structure and outline
 - Should contain at least:
 - **Detail problem space** (why are you doing this research)
 - **Your research focus** (What are you going to focus on: new contribution, survey, analysis of technologies, comparison etc)
 - **Your approach in brief**
 - **Key references**
 - Use the course template (**Latex and bibtex**)
 - Tutors should help especially with the outline and finding good references.
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Full paper (Wed 14.3)

- 5-8 pages using the latex template
- Most of the text and main ideas written, structure close to final.
- References: original or authoritative, relevant, correct and up-to-date.
- Close to complete is more beneficial (crucial feedback)
- Within a week, tutor and opponent provides comments and feedback.

Final paper (Wed 18.4)

- 6-7 pages
- Structure of a technical conference publication, using the course latex template.
- Correct and readable English text
- Correct citations and sufficient references.

Contents of a good seminar paper

- Makes a small **contribution** to technical or scientific knowledge
 - Original work with the student's own idea, analysis, evaluation, comparison, summary, examples, experiences etc.
- The **reader learns something**
- Uses **diagrams** and **examples** to explain complex ideas, systems
- Covers a wide area extensively or a smaller area in depth
- Helpful **references to high-quality scientific literature and authoritative technical sources.**

Format of a good seminar paper

- **Readable**, correct and easy to follow language
- **Neutral and objective** style suitable for scientific and technical writing.
- Structure of a conference paper:
Abstract, Introduction, Background, Body sections, Conclusions, references, (appendices)
- Correct and sufficient in-text citations to **acknowledge sources**; correct and consistently formatted references

Figure Vs Table

SNS	No of words
Facebook	5823
Twitter	1254
Orkut	1519
MySpace	2740
hi5	2222
Friendster	1982
LinkedIn	6278
Bebo	2797

Figure 5: Number of words in privacy policies of some of the major SNS

SNS	Number of words
Facebook	5823
Twitter	1254
Orkut	1519
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hi5	2222
Friendster	1982
LinkedIn	6278
Bebo	2797

Table 1: Comparison of Privacy policy word length

References

References

Use as footnotes

[1] Facebook.

[8] Marty Humphrey, Mary R. Thompson. *Security Implications of Typical Grid Computing Usage Scenarios*. February 2009. Computer Science Department, University of Virginia. Distributed Security Research Group, Lawrence Berkeley National Laboratory. [http://www.google.es/url?sa=t&source=web&cd=5&ved=0CDkQFjAE&url=http%3A%2F%2Fciteseerx.ist.psu.edu%2Fviewdoc%2Fdownload%3Fdoi%3D10.1.1.18.6721%26rep%3Drep1%26type%3Dpdf&rct=j&q=Grid%20Computing%20Security%](http://www.google.es/url?sa=t&source=web&cd=5&ved=0CDkQFjAE&url=http%3A%2F%2Fciteseerx.ist.psu.edu%2Fviewdoc%2Fdownload%3Fdoi%3D10.1.1.18.6721%26rep%3Drep1%26type%3Dpdf&rct=j&q=Grid%20Computing%20Security%20)

[11] Y. Zhao, M. Wilde, I. Foster, J. Voeckler, J. Dobson, E. Gilbert, T. Jordan, E. Quigg. . *Virtual Data Grid Middleware Services for Data-Intensive Science*. 2005. <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.102.3574&rep=rep1&type=pdf>.

[8] Marty Humphrey, Mary R. Thompson. *Security Implications of Typical Grid Computing Usage Scenarios*. February 2009. Computer Science Department, University of Virginia. Distributed Security Research Group, Lawrence Berkeley National Laboratory. <http://dx.doi.org/10.1023/A:1015621120332>.

[11] Y. Zhao, M. Wilde, I. Foster, J. Voeckler, J. Dobson, E. Gilbert, T. Jordan, E. Quigg. . *Virtual Data Grid Middleware Services for Data-Intensive Science*. 2005. <http://dx.doi.org/10.1002/cpe.968>.

Do not Cut and paste

- Do not cut and paste text or images from the web or somewhere else.
 - Do not cut and paste even if you plan to change it later
 - Do not rewrite somebody else's text sentence by sentence
 - Clearly mark quotations, for example:
 - *According to Smith, “uncertainties include fuzzyness an randomness” [14].*
 - You may quote images but better draw clearer ones yourself
 - Anyone found copying even a small amount of someone else's work will not only fail the course but may also face further disciplinary action
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English Language Support

- Roger Munn
 - 2 Language support classes (No Credits given)
 - Feb 20 and Mar 26 at 10:00 in T5
 - 1 Presentation Skill preparation class
 - Apr 30 at 10:00 in T5
 - **Mandatory for all**, except those who are taking KIE-98.1310.
 - If you have good reasons not to take these classes please inform us before signing up.
 - **No excuses for bad English languages if you don't take it**
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Course theme 2012

- Hot topics in fixed and mobile Internet
 - Topic area:
 - Internet of things
 - Green ICT and energy efficiency in the Internet
 - Cloud computing technologies, services and systems
 - New business ecosystems and business models
 - Machine-to-Machine communications
 - Future Internet technologies (e.g., HTML 5.0)
 - Mobile Internet – New applications, services and businesses in smart-phones
 - Interactive social networks and services
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Topic introduction

- Topics are listed in the Noppa.
- Tutors will introduce themselves and their topics in first lecture.
- **Possibility to propose your own topic**, however that may not always produced a good result.
 - Require a tutor
 - Agree with the course teacher.

Thank you

Questions ?