



Aalto University
School of Electrical
Engineering

ELEC-E7910

Special Project in Communications Engineering

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School of Electrical Engineering

Aalto University

Course structure

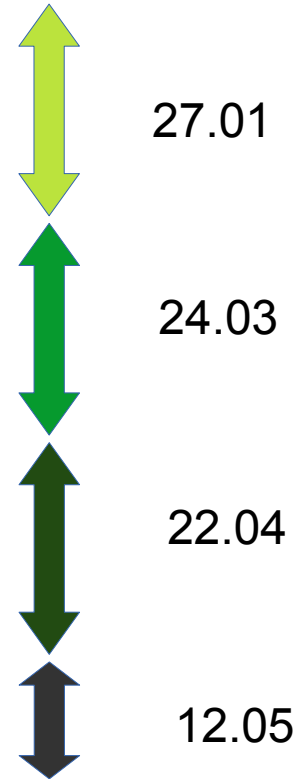
- Timeline
 - 12.01.2021 at 10.15 Introduction
 - 27.01.2021 Initial topics selection
 - 12.05.2021 at 9.15 Final presentation
 - 18.05.2021 Final Report into MyCourses
- Grading
 - Based on the final report
 - Problem definition/scope, topic presentation/structure, results/contribution, presentation style
 - Evaluated by Supervisor/Professor or course lecturer

Reports

Problem solving method

Example of steps

1. I can:
 - Explain why the problem can be solved, what approach, method
2. Define:
 - What is to be done, what is left out (in given content)
3. Explore
 - Explain background, what is known about the problem
4. Plan
 - How the work is to be solved what method is used
5. Do
 - Solution
6. Check
 - How the results are tested, validated
7. Generalize
 - Conclusions



Supervisors/research groups

Professors

- Stephan Sigg,
- Jukka Manner,
- Patric Östergård,
- Risto Wichman,
- Olav Tirkkonen,
- Jyri Hämäläinen,
- Antti Oulasvirta,
- Yu Xiao,
- Visa Koivunen,
- Sergiy Vorobyov,
- Riku Jäntti

Teachers

- Kalle Ruttik,
- Pasi Lassila,
- Samuli Aalto
- Yusein Ali.

Topics

- Agreed with supervisors from some of the Comnet research groups
 - Before 27.01
- <https://www.aalto.fi/en/department-of-communications-and-networking>
- <https://www.aalto.fi/en/department-of-information-and-communications-engineering/our-research-and-research-groups>
 - Wearable computing
 - Ambient Intelligence
 - Communications Ecosystem
 - Mobile Communications Networking
 - Wireless Communication, Information and Communication Theory