Introduction to the Seminar Course of Cyber-Physical Systems

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General Information

- The course will be conducted in a block format, with meetings during the semester.

- The presentation and the report are recommended to be completed in English.

- Requirements: General interest in computer science, control theory, energy or robotics.
Goals of the Course

- **Find** scientific papers in a specific area.
- **Read** scientific papers.
- **Review** the literature on a specific topic.
- **Write** a scientific report.
- **Present** the work.
The Seminar in Practice

- **In this class:** Choose the **supervisor** and the **topic**.

- **In the following two months:** Read papers and prepare the **presentation** and the **report**.

- **In the following two months:** Discuss with your supervisor about the presentation and the report.

- **In the end of June:** Presentation and get feedback.

- **In the beginning of July:** Send the **revised** report.
Report (Term Paper)

- Each participant is required to complete a 6- to 8-page-report, a 4-page-appendix can also be included (optional).

- The final report should be completed **one week** after the scheduled presentation.
Presentation

- Each participant is required to give a **20 minutes** presentation and prepare for **10 minutes** of follow up discussion.

- Explain the **motivation** and **goal**.

- State of the art and **method comparison**.

- Results and include **your own conclusions**.

- Details for grading the presentation and report will be provided on the course webpage.
Evaluation Criteria

- **Presentation (40%)**
  - the score of presentation is the average score based on the grading of each supervisor who attends the presentation.

- **Report (60%)**
  - The report will be marked by two people: the students own supervisor and another randomly chosen supervisor.
Concluding Remarks

- The time and place of presentation evaluation will be given on our course webpage (expected to be at FMI in the end of June).

- Extra participation points will be given based on the quality of questions proposed in the discussion part.

- The duration of the presentation will be strictly controlled. We will ask you to jump to the conclusions if the indicated duration is exceeded.