Seminar on Cyber-Physical Systems and Embedded Systems

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LS 12, TU Dortmund

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technische universität
dortmund

fakultät für
informatik

CS 12 computer
science 12

Seiminar Organization

Syllabus

- Masters seminar
- Deliverables
  - Report (~5 pages): This is not going to be graded, but I will read the report to check whether you have sufficiently cover the material to be presented in the slides.
  - Presentation (30-45 mins)

Topics

https://ls12-www.cs.tu-dortmund.de/daes/en/lehre/courses/summersemester-2020/seminar-ss2020-cps.html

- Important Dates are listed in the above link

Approaches

- Choose one of the listed topics, (or your selection approved by me)

- Decide two to three papers that are related to the selected topics

- Write a report and summary for the selected literature

  - What are the weakness and the strength of the results of the selected papers?
  - What are the state-of-the-art results of the topic?
  - What perspectives the selected papers move the state-of-the art to?
  - What are the potential direction to improve the results of the selected papers and the topic?
  - etc.

- The report is not going to be graded, but I will read the report to check the material you plan to cover in the presentation. If you receive a RED or YELLOW signal from me, you should try to improve your understanding about the literatures.

- Present the results.

Office Hours

- Please make appointments if you need to discuss with me about the papers. Other time slots are also possible.

- If more intensive discussions are needed, some of my staff members will also be able to help you.

Templates

The templates are available on the website. Please check the course website.