Seminar for Embedded Systems and Cyber-Physical Systems

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LS 12, TU Dortmund

29,10,2014

technische universität dortmund

fakultät für informatik

CS 12 computer science 12

Outline

Seiminar Organization

Syllabus

- Masters seminar
- Workload
  - WS: 2
- 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/english-courses/ws14-seminar-cps-a-es.html

Important Dates

Block seminar format

- 29,10, 2014: Introductions of the seminar and topics (14:00, Raum E18 in OH 16)
- 03-07,11,2014: Choose a topic
- 07,11, 2014: Reservation due via Sekretariat des Lehrstuhls (Frau Claudia Graute, Raum E22 in OH16)
- 13,01, 2015: Reports due (turn in to the Secretary before 12:00 (noon))
- 27,01, 2015: Slides draft due (send the slides to Prof. Chen before 12:00 (noon))
- 03,02, 2015: Presentation (Block seminar for the whole day, E18 in OH16)

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

- My office hours are Thu. 10:30 to 11:30. 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 will be available in November. Please check the course website.