

Safety and dependability of software-controlled systems

Content

Introduction to dependability and safety techniques:

- Design and analysis methods supporting the dependability and safety of embedded systems
- Dependability/safety modelling
- Dependability/safety measures and analyses
- Software faults, software failure
- Mechanisms of HW/SW fault tolerance
- Risk analysis, risk acceptance criteria
- Safety norms

This lecture is presented in English. Diese Vorlesung wird auf Englisch gehalten.

Dates

- Tuesdays 15:45-17:15 hrs (AH III) (lecture/tutorial)
- Fridays 14:45-16:15 Uhr (AH III) (lecture)

First lecture of the semester takes place on 10 April 2012.

Announcements and course material

Announcements, slides, videos and other material can be found at [the L2P site of this course](#).

Tutors

- [Marc Förster, M.Sc.](#)

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Last update: **2012/04/13 16:54**

