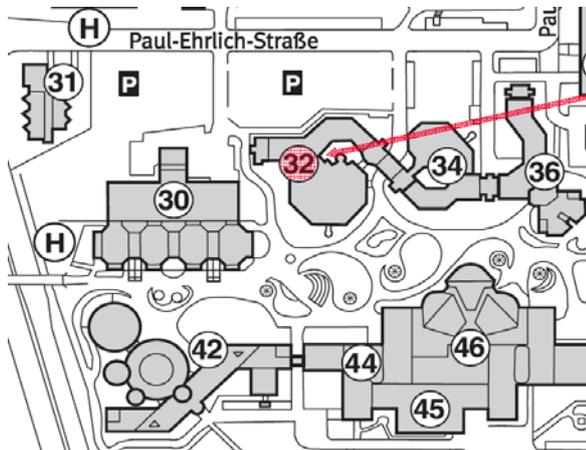

Software Quality Assurance (Software-Qualitätssicherung)

Welcome!

Administrative Issues

- Lecture held by AG Software Engineering: Dependability
 - <http://agde.informatik.uni-kl.de/teaching/sqs/ws2008>
 - LV-Nr. 89-3355 / 89-3355U
- Lecturer
 - Prof. Dr. Peter Liggesmeyer
 - Email: liggesmeyer@informatik.uni-kl.de
 - Office hours on appointment
 - Room: 32-425
- Tutor
 - M.Sc. Zhensheng Guo
 - Email: guo@informatik.uni-kl.de
 - Phone: (0631) 205-3957
 - Office hours on appointment
 - Room: 32-427

Administrative Issues



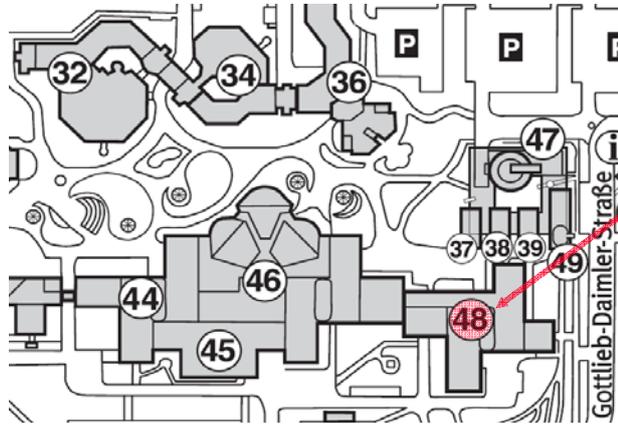
AG Software Engineering: Dependability
Technical University of Kaiserslautern
Building 32, 4th Floor
P.O. Box 3049
67653 Kaiserslautern
Germany

Administrative Issues

- Schedule
 - Lecture (2 SWS)
 - Held weekly
 - Monday, 15:30 - 17:00, Room 48-462
 - Tutorial (1 SWS)
 - Held every two weeks (usually)
 - Thursday, 11:45 - 13:15, Room 46-260
 - Start of tutorials: Thursday, Nov. 6

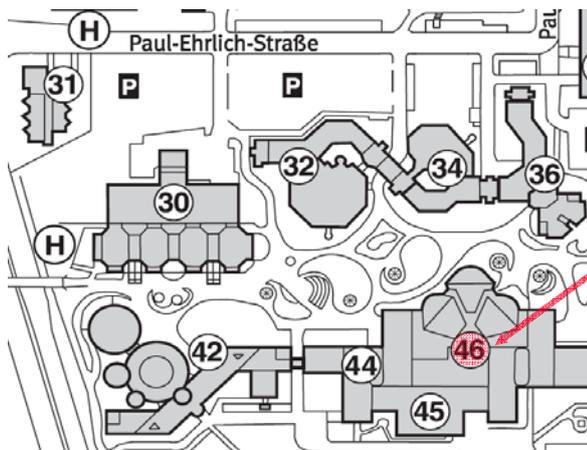
- Grading by written or oral exam (mode and date will be announced within lecture and tutorial)

Administrative Issues



Lecture:
Room 48 - 462

Administrative Issues



Tutorial:
Room 46 - 260

Administrative Issues

- Lecture notes
 - Available online at:
<http://agde.informatik.uni-kl.de/teaching/sqs/ws2008/material/vorlesung/>
 - Format: PDF or Postscript
- Problem sheets
 - Available online at:
<http://agde.informatik.uni-kl.de/teaching/sqs/ws2008/material/uebung/>
 - Format: PDF or Postscript
 - There will be no solutions published, so it is highly recommended to attend the tutorial sessions!
 - Please note that there is no handing-in and no marking of solved problem sheets

Administrative Issues

- Goals of lecture
 - Get to know selected formal, informal and stochastic techniques for software quality assurance
 - Be able to use particular analysis and testing methods in practice

Administrative Issues

- Topics
 - Introduction
 - Terminology
 - Dynamic Test
 - Static Analysis Techniques
 - Measurement
 - Data Flow Anomalies Analyse
 - Review and Inspection Techniques
 - Formal Techniques

Administrative Issues

- Goals of tutorial
 - Work-out solutions to problem sets
 - Clarification of issues concerning the lecture
 - But: The intention is not to provide a substitute for the lecture!
- Topics
 - Same as lecture