Welcome!
Administrative Issues

• Lecture held by AG Software Engineering: Dependability
  • http://seda.cs.uni-kl.de/teaching/sqs/ws2010/
  • LV-Nr. INF-33-55-V-7 / INF-33-55-U-7

• Lecturer
  • Prof. Dr. Peter Liggesmeyer
    • Email: liggesmeyer@informatik.uni-kl.de
    • Office hours on appointment
    • Room: 32-425

• Tutor
  • Dipl.-Inf. Max Steiner
    • Email: steiner@informatik.uni-kl.de
    • Phone: (0631) 205-2629
    • Office hours on appointment
    • Room: 32-427
Administrative Issues

AG Software Engineering: Dependability
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P.O. Box 3049
67653 Kaiserslautern
Germany
Administrative Issues

• Schedule
  • Lecture (2 SWS)
    • Held weekly
    • Monday, 8:15 – 9:45, Room 48-462
  • Tutorial (1 SWS)
    • Held every two weeks (usually)
    • Wednesday, 10:00 – 11:30, Room 48-462
    • Start of tutorials: Wednesday, Nov. 3

• Grading by written or oral exam (mode and date will be announced within lecture and tutorial)
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Lecture:
Room 48 - 462
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• Lecture notes
  • Available online at:
    http://seda.cs.uni-kl.de/teaching/sqs/ws2010/material/folien/
  • Format: PDF

• Problem sheets
  • Available online at:
    http://seda.cs.uni-kl.de/teaching/sqs/ws2010/material/exercise/
  • Format: PDF
  • 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
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• 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
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• Topics
  • Introduction
  • Terminology
  • Dynamic Test
  • Static Analysis Techniques
  • Measurement
  • Data Flow Anomalies Analysis
  • Review and Inspection Techniques
  • Formal Techniques
• 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