

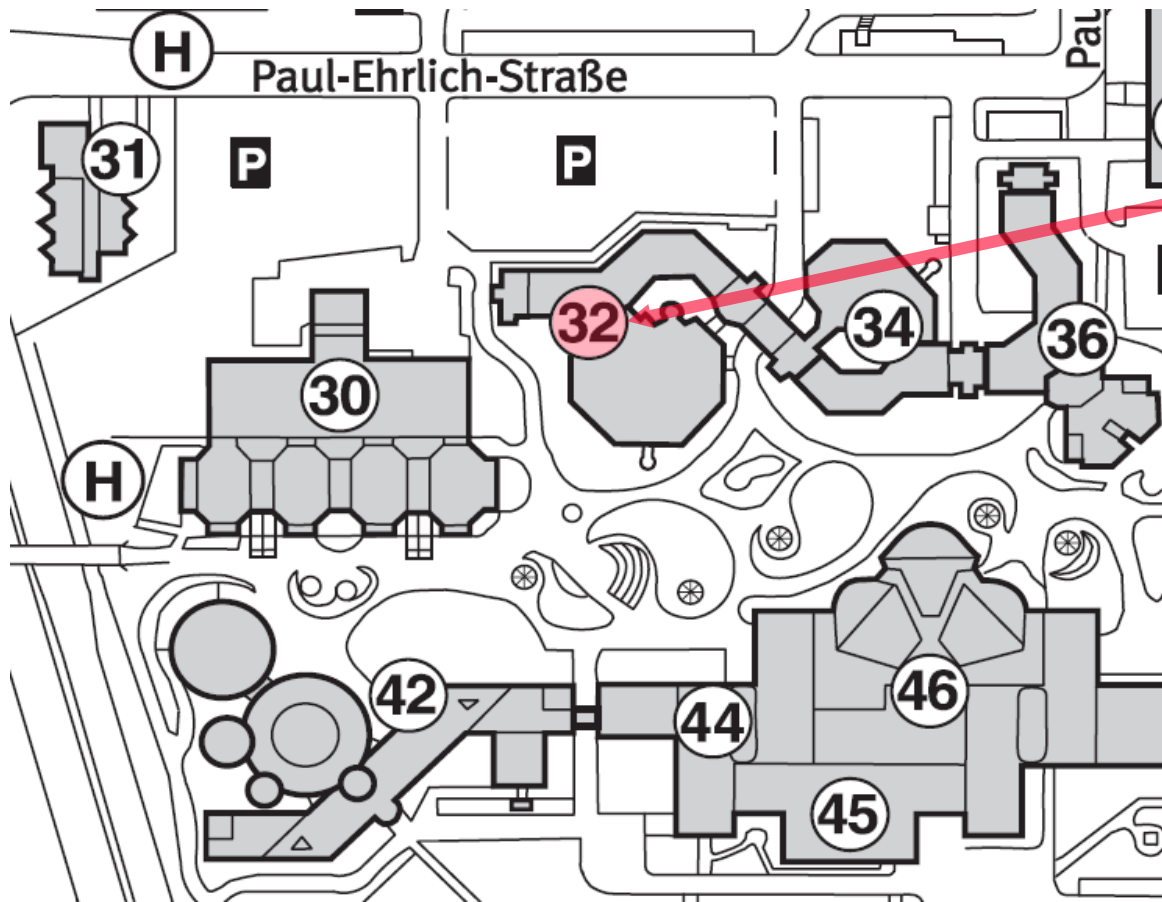


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software engineering dependability

Software Quality Assurance WS 2014/2015
Welcome!

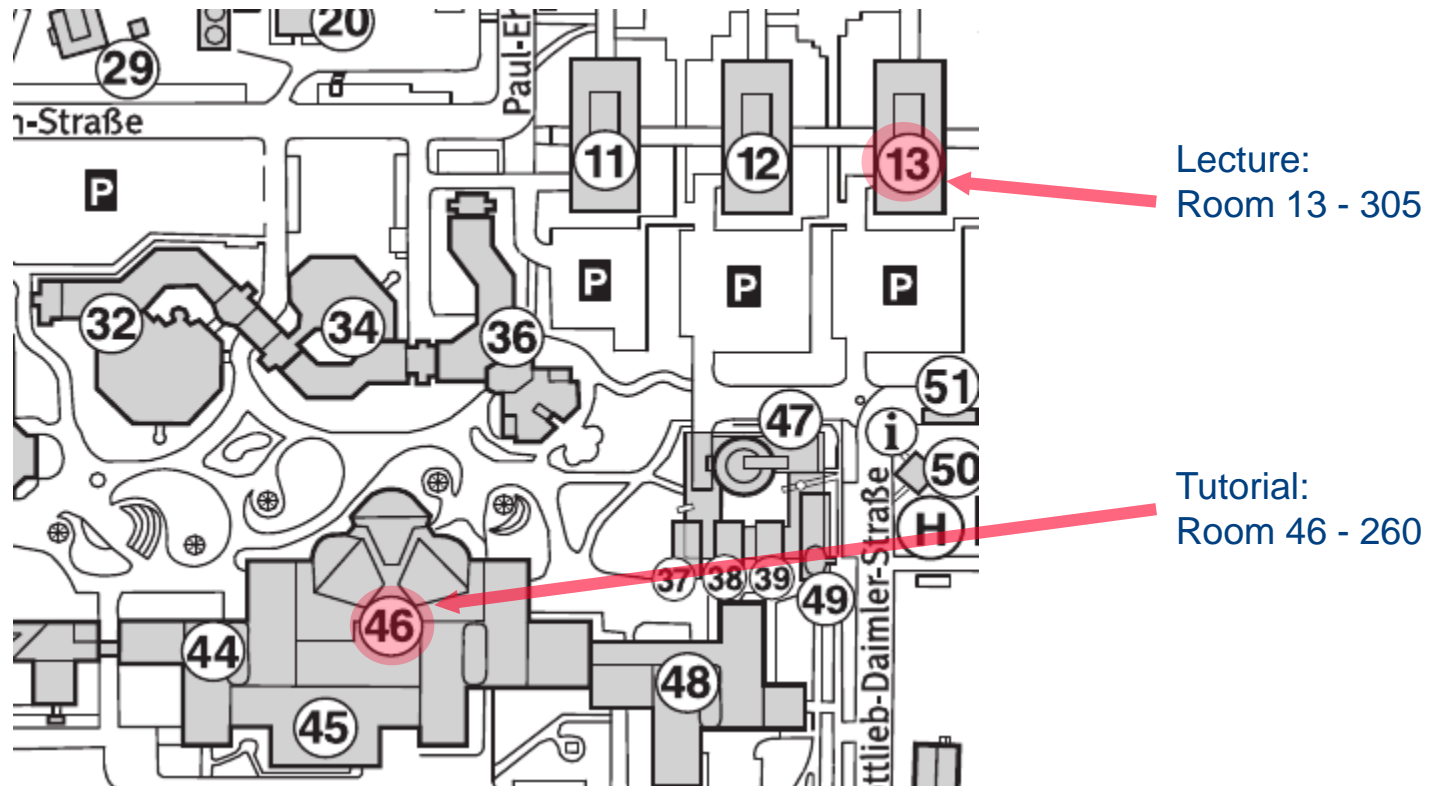
- Lecture held by the chair of Software Engineering: Dependability
 - <http://seda.cs.uni-kl.de/teaching/sqs/ws2014/>
 - LV-Nr. INF-33-55-V-7 / INF-33-55-U-7
- Lecturer
 - Prof. Dr. Peter Liggesmeyer
 - Email: liggesmeyer@informatik.uni-kl.de
 - Office hours on appointment
 - Room: 32-425
- Tutor
 - Dipl.-Inf. Max Steiner
 - Email: steiner@informatik.uni-kl.de
 - Phone: (0631) 205-2629
 - Office hours on appointment
 - Room: 32-427





Software Engineering: Dependability
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- Schedule
 - Lecture (2 SWS)
 - Held weekly
 - Monday, 8:15 – 9:45, Room 13-305
 - Tutorial (1 SWS)
 - Held every two weeks (usually)
 - Wednesday, 15:30 – 17:00, Room 46-260
 - First tutorial: will be announced 1 week before on the website and in the lecture
- Grading by written exam
 - 17.03.2015
 - 16.04.2015 (2nd try)



- Lecture notes

- Available online at:
<http://seda.cs.uni-kl.de/teaching/sqs/ws2014/material/slides/>
- Format: PDF

- Problem sheets

- Available online at:
<http://seda.cs.uni-kl.de/teaching/sqs/ws2014/material/exercise/>
- Format: PDF
- Published one week prior to each tutorial session
- Solutions should be prepared by each student
- 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

- 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

- Topics
 - Introduction
 - Terminology
 - Dynamic Test
 - Static Analysis Techniques
 - Measurement
 - Data Flow Anomalies Analysis
 - Slicing

- 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