

Pre-meeting for Seminar Automated Mobile App Testing

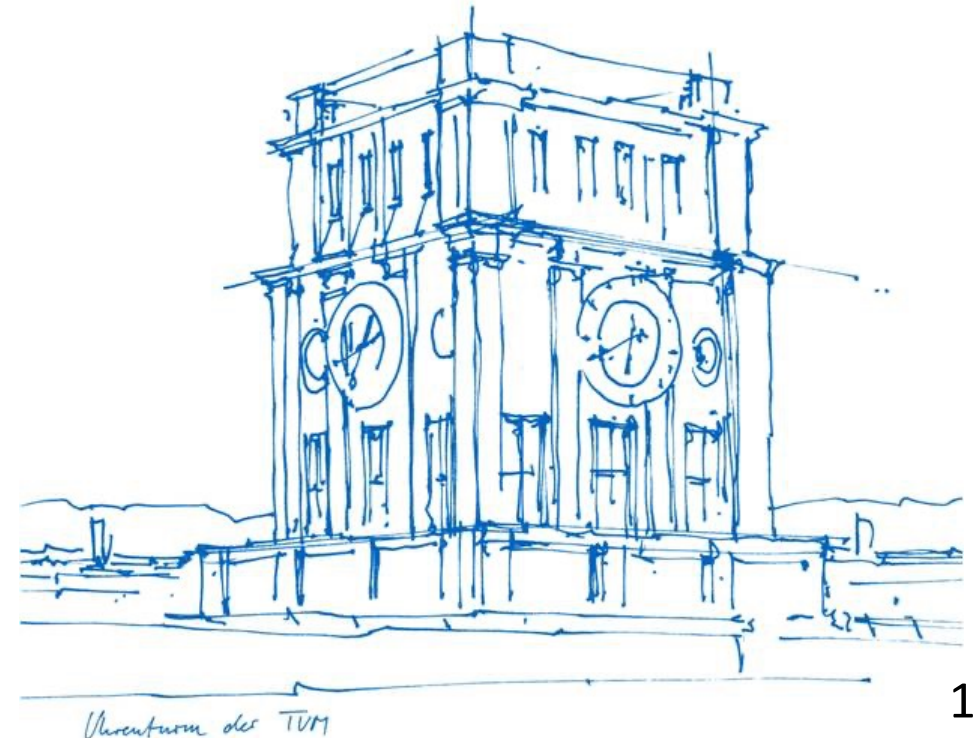
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<https://www.cs.cit.tum.de/en/seai/homepage/>

<https://www.seysc.com>



- **Pre-meeting time:** 10.07.2025
- **Deadline for preference list:** 20.07.2025
 - Basic information + Motivation statement
 - <https://forms.gle/eeDHHWh3qqd1oE7r6>
- **Dropping out deadline:** 19.10.2025 (one week after semester starting)
- **Upper student limit:** 15
- **Course time:** *expected* Mon 14:00 – 15:30

- Mobile applications play a significant part in our everyday lives, providing the convenience associated with consumer use of smartphones for communications, entertainment, and financial reasons. As one of the major infrastructures of society, minor bugs in the software may cause big losses for consumers.
- This course aims to introduce **the background of software testing** and study the **advanced techniques**, including **what can we automate** and **when should we keep humans in the loop**; how much testing and what kind of testing should we do, etc.

- Automated Mobile App Testing
 - Test Generation
 - Test Migration
 - Testing Framework
 - Usability & Accessibility Testing
- Automation-Assisted Manual Mobile App Testing
 - Test Script Maintenance
 - Test Report Analysis

- **Paper reading:** choose one specific category and search for several papers, with provided examples
 - how to select papers
 - how to organize papers
 - how to find inner connections among papers
- **Report writing:** finish a paper reading report to demonstrate the findings and thoughts
 - how to find inner connections among papers
 - how to deliver findings with an academic way
- **Presentation:** present the results of the seminar
 - how to present in an intuitive way
 - how to persuade the audience with the results

➤ Seminar Benefits

- Get familiar with software engineering research (quite different from practice!)
- Enhance the capability of report writing and presentation in an academic way
- Good chance to cutting-edge SE research topics and methodologies
- Potential chance for thesis and academic publication (in the Chair of SEAI)

Q & A

Contact

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