Websec-Practicum — WS 16/17
Web Application Exploitation

Thomas Kittel & Christian von Pentz

Chair for IT Security / I20
Prof. Dr. Claudia Eckert
Technische Universität München

24 Juni 2016
Time and place

When?  Tuesday, 14:00 - 15:30
Where?  01.05.013
Contents

▶ Injection vulnerabilities
▶ XSS, CSRF
▶ Include attacks
▶ Upload attacks
▶ Configuration vulnerabilities
▶ Advanced bugs
Registration

- **NO** letter of motivation! Just a task...
  - Visit challenge.sec.in.tum.de
  - Solve the challenge, then follow instructions
  - Submit till **06.07.2016, 23:59**
  - Up to the first 16 solver will get a fixed place

- **DON’T** register without solving the task!

- Registration using the **matching system**

- **16** slots
Process

Phase I (10 weeks):
▶ “Usual” practical course (weekly meetings and exercise sheets)

Phase II (2 weeks):
▶ Final project (short paper and presentation)
Process — Phase I

- Eight or nine weeks: Introduction to a new topic
- Last week(s): A look at real life scenarios (IF there is time)
- Weekly exercise sheets
  - Submission of solutions until the following week before the meeting
  - Private demonstration and short explanation of solution during the meeting
Process — Phase II

Final project

- Development of a vulnerable application
- Creation of an exploit (ab)using the vulnerability/ies
- Short paper
- Presentation
- Details follow when the time has come