Reverse Engineering — SS 2017
Seminar

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23 January 2017
"Block" Seminar

When?  Wednesday (bi-weekly), 12:00 - 13:30
01.08.033
Talks at the end of the semester

Where?
"Block" Seminar

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*01.08.033*

Talks at the **end** of the semester

**Where?**  Seminartagungsstätte Frauenchiemsee

**Disclaimer:** Only if participants show interest!

Fallback: Room 01.08.033
Registration

- Registration using the **matching system**
- **No** letter of motivation
- Solve a **reverse engineering challenge** instead (details on the course website). Submit your solution via e-mail no later than **8 February 2017, 23:59**.
- PGP-Fingerprint:
  
  `F949 CFBD 140A 6DD0 71E9 0B8C DC24 396B 6D45 1038`

- **12** slots (**FCFS if I really have to**, i.e. **solvecount > 12**)
- Again, make sure to register in the **matching system** once you solved the qualifier.
Process

- Phase I: Find a **topic**
- Phase II: Find **literature**
- Phase III: Do your **reading / experiments / programming**
- Phase IV: **Writing** phase I
- Phase V: **Peer review**
- Phase VI: **Writing** phase II
- Phase VII: (Excursion & ) Final **talks**

Exact schedule will be published once list of participants is known. (Excursion is supposed to happen around end of the lecture period.)
Contents

- **Static** analysis techniques
  - (de-)obfuscation
  - (un-)packing of binaries
  - disassemblers
  - decompilers
  - symbolic execution
  - ...

- **Dynamic** analysis techniques
  - (anti-)debugging
  - symbolic execution
  - instrumentation
  - ...

- Analysis of *malicious* code

- ... your (scientific) suggestion here
Questions?

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Qualification Task Download:
(this semester Linux only, sorry)

https://kirschju.re/static/qual.elf