"Block" Seminar

When? Thursday (bi-weekly), 13:00 - 14:30
01.08.033
Talks at the end of the semester
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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 13th February 2019, 23:59.
- **PGP:**
  
  A903 76D1 65F3 25F9 8594 280A 2BA0 1592 EFAC B551 3FDE 8396 8B30 2707 0DE7 6CFF 3749 CEC2 ACC6 E196
- **8 slots (FCFS if we really have to, i.e. solvecount > 8)**
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**
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**
- Phase IIX: **Optional**: Submission to ROOTS 2019

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

- **Malcode** analysis
  - (de-)obfuscation
  - (un-)packing of binaries
  - ...

- **Static** analysis techniques
  - disassemblers
  - decompilers
  - symbolic execution
  - ...

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

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

Qualification task download (online today, 16:30):

https://www.sec.in.tum.de/i20/teaching/ss2019/reverse-engineering