"Block" Seminar

**When?** Thursday (bi-weekly), 13:00 - 14:30
01.08.033
Talks at the end of the semester
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 **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**

*Exact schedule will be published once list of participants is known.*

*(Excursion is supposed to happen around end of the lecture period.)*
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 IX: 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?

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

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