Seminar:
Security and Verification

First meeting 24.04.20

Aim of the Seminar

Learn about: (1) scientific writing (2) scientific presentations (3) your topic

⬇

Good & interesting presentations

⬇

Deepening discussions

⬇

Find connections between topics and interesting research questions

Student	Topic	Supervisor
Stefan Armbruster	Security Automata	Tobias Meggendorfer
Lukas Flesch	Attack Defense Trees	Julia Eisentraut
Emily Hudoletnjak	Attack Fault Trees	Julia Eisentraut
Duc Anh Le	ADVISE	Maxi Weininger
Ondřej Šebek	Verifying Security Protocols	Pranav Ashok
Marie Sol	Security Analysis of Smart Contracts	Julia Eisentraut
Alexander Taepper	Attack Defence Diagram	Julia Eisentraut
Eduard von Briesen	Attack Trees	Kush Grover
Katharina Wiegräbe	Attack Graphs	Stefanie Mühlberger

Grading - Transparent Criteria

Our goal: communicating clearly what we expect

Timing		
length of presentation	within +/- 1 minute of allowed time	within +/- 2 minute of allowed time

within +/- 3 minute of allowed time	within +/- 5 minute of allowed time	not within +/- 5 minute of allowed time

Grading - Written work (40%)

- **Length**: 2-4 pages

- **Aim**: inform about basic ideas and notation, arouse interest (Wikipedia article/extended abstract)

- **Criteria**: correctness & comprehensiveness, language

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Why? ⬇

Better presentation (since more time for cool things)
+ good questions for discussion

Grading - Presentation (40%)

- **Length**: 20 minutes

- **Aim**: clearly present the most interesting points of your topic

- **Criteria**:

    - content (extensiveness & correctness),

    - structure/story (how you guide the audience through the presentation),

    - slides,

    - verbal skills,

    - nonverbal skills (tbd)

Grading - Discussion (20%)

- **Aim**: improve collective understanding, identify interesting connections and research questions

- **Criteria**:

    - participation,

    - quality of questions (pre-sent and during discussion)

    - (moderation as chair)

Schedule - Suggestion

- 05. June: Practice talks
- 17. July: Deadline for written work
- 31. July: Deadline questions for chairs
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-   Meetings with supervisor in between
-   Getting papers:
    - dblp.uni-trier.de or scholar.google.de
    - Use e-access ub.tum.de/eaccess
    - Ask supervisor only in case of problems

Schedule - Discussion

- 05. June: Practice talks
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- TBD: Final presentations

Presentation vs. Video - Discussion

Con live presentation: Not sure about reliability of BBB and internet connections

Alternatives:

- Record videos

- Written discussion

- Further ideas?

Questions?