Hauptseminar Technischer Datenschutz

Paul Walther
Chair of Privacy and Data Security
Learning Goals

- Methods and tools to familiarise with state of the art on research area
  - Finding literature
  - Efficient reading of literature

- Participation in scientific discourse
  - Writing about findings
  - Perform peer review
  - Presentation of findings
Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11.10.22</td>
<td>13:00</td>
<td>Welcome meeting</td>
</tr>
<tr>
<td>17.10.22</td>
<td>23:59</td>
<td><strong>Deadline for sending topic preferences</strong></td>
</tr>
<tr>
<td>18.10.22</td>
<td>13:00</td>
<td>(Announcements of topics assignments)</td>
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<tr>
<td>24.10.22</td>
<td>23:59</td>
<td><strong>Deadline for meeting with supervisor</strong></td>
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<tr>
<td>25.10.22</td>
<td>13:00</td>
<td>Introduction to literature research</td>
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<tr>
<td>08.11.22</td>
<td>13:00</td>
<td>Introduction to scientific writing</td>
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<tr>
<td>09.01.23</td>
<td>23:59</td>
<td><strong>Deadline for submission of written report</strong></td>
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<tr>
<td>10.01.23</td>
<td>13:00</td>
<td>Introduction to peer review</td>
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<tr>
<td>16.01.23</td>
<td>23:59</td>
<td><strong>Deadline for submission of reviews</strong></td>
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<tr>
<td>31.01.23</td>
<td>23:59</td>
<td><strong>Deadline revised version of report</strong></td>
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<tr>
<td>??02.23</td>
<td>13:00</td>
<td><strong>Presentations</strong></td>
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Timeline

- Times for deadlines and meetings can be found on the website of the TU Dresden

https://tu-dresden.de/ing/informatik/sya/ps/studium/seminars/hs-td

- Participation in defenses and colloquia announced on the website is strongly recommended.
Some numbers

- Written report
- English or German
- Around 8 pages (double column)
- LaTeX template can be found on course website
- Summarizes around 8 - 20 papers

- Presentation
- English or German
- 15 minutes for presentation (approx. 12 slides)
- 5 minutes for Q & A
Grading

- Weighting:
  - Report 60%
  - Presentation 25%
  - Review 15%

- Pass required for report and presentation
- Contacting your supervisor is required

- Common grading criteria:
  - Quality of literature research (coverage and relevance of papers)
  - Quality of discussion (identify and discuss commonalities, differences, and limitations)
  - Working style (autonomy and individual initiative)
Grading

- Core grading criteria for report:
  - Logical structure
  - Citation style and bibliography
  - Grammar and spelling

- Core grading criteria for presentation:
  - Slide quality (logical structure, usage of figures, conciseness of bullet points)
  - Talk quality (Duration, Q & A)

- Core grading criteria for review:
  - Thoroughness, constructiveness, specificity, politeness
<table>
<thead>
<tr>
<th>Supervisor</th>
<th>Topic</th>
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<tbody>
<tr>
<td>Elke Franz</td>
<td>Security Aspects of Network-on-Chip</td>
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<tr>
<td>Elke Franz</td>
<td>Machine Learning in Malware Detection</td>
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<td>Elke Franz</td>
<td>Lightweight Cryptography</td>
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<td>Sebastian Rehms</td>
<td>Attack Graphs</td>
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<td>Sebastian Rehms</td>
<td>Privacy Policy Languages</td>
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<td>Sebastian Rehms</td>
<td>Privacy and Trust in Mobile Ad Hoc Networks</td>
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<tr>
<td>Ghazal Begheri</td>
<td>Physical Security Threats</td>
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<tr>
<td>Stephan Escher</td>
<td>Deceptive Design / Dark Patterns</td>
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<td>Stephan Escher</td>
<td>Survey Privacy Literacy and its impacts on Digital Behavior</td>
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<tr>
<td>Stefan Köpsell</td>
<td>(TBA)</td>
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**Your own topic**

A short topic introduction and initial literature references can be found on the TUD website
Submission of topic preferences

- Send an email to paul.walther@tu-dresden.de

- The email should contain:
  1. Your first and last name
  2. Your first and second preference of the listed topics (title)
     - or -
     A short description of an arbitrary security or privacy-related topic that you find interesting (e.g. from recent news, from lectures)

Deadline for email: Monday, 17.10.2022, 23:59
Further notes

- OPAL will be used only for announcements (participants mailing list)
- The authoritative source for up-to-date notices as well as slides, links etc. is the course website
- **Don’t forget to get in contact with your supervisor as soon as a topic has been assigned to you**