Seminar
IT Security

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FH Wedel

Summer Semester 2022

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LNCS 12553

Information Systems Security

16th International Conference, ICISS 2020
Jammu, India, December 16–20, 2020
Proceedings

Springer
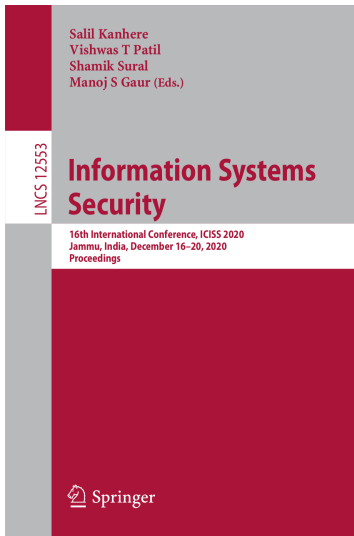
Present a scientific paper

You do not necessarily have to cover the complete paper.

ICISS 2020

The Proceedings are available in my permanent section (Präsenzbestand) in the library.

Picking a topic

Send me an email with three papers until January 31st, 2022.

Structure

Structure

- 45–60 minutes talk
- Discussion about form and content of talk
- Publication of term paper

Term paper format

- Please send me PDF files only!
- Language: English
- Length: About 15 pages
- Research how to write a term paper! (Sources, citations, . . .)

Seminare Requirements

Grading

- Slides (1/3 of the grade)
- Talk (1/3 of the grade)
- Paper (1/3 of the grade)

Attendence is obligatory!

You may miss one talk for whatever reason.

More talks may only be missed because of medical reasons.

Schedule

- Verfügungstage
- Wednesday afternoon, starting around mid-semester.

  Slot 1: 03:30 pm
  Slot 2: 05:00 pm

Deadlines

Outline of talk: 4 weeks before talk latest!
Slides: 2 weeks before talk latest!
Term Paper: 3 days before talk latest!

Sources

Science

Presentation and term paper shall follow scientific standards!

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Google ...

how to prepare a scientific presentation and term paper.

Scientific Literature

Scientific Literature

- Claims can be verified (sources are given)
- Systematic
- Scientific approach
- Peer reviewed
- Published by a scientific publisher

This does *not* guarantee it is correct!

It only guarantees that it is worth to be discussed

Stay critical!

Types of Scientific Literature

Types of Scientific Literature

- Monographies (books written by a single author: PhD thesis etc.)
- Collections
- Scientific Journals
- Conference Proceedings

Grey Literature

Not published by a (scientific) publisher: Manuals, technial reports, web pages, . . .

Tertiary Sources

Use tertiary literature like encyclepdias (Wikipedia) and text books as an introduction to a topic.

For details (and your term paper) dig deeper and research the sources used in the tertiary literature.

Where to find Scientific Literature

- Libraries
  For example FH Wedel and Hamburg University
- Dedicated search engines:
  - https://arxiv.org/
  - https://scholar.google.com
  - http://citeseerx.ist.psu.edu/

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How to find Scientific Literature

Check the surroundings of an article

- What else has been written by the same author

  Very often, you find the full texts of all papers written by an author on his/her web page.

- What other talks have been given at the conference where the article was presented?

- What did authors publish who cite the article or get cited in the article?

Law & Ethics

Law & Ethics

- Cite correctly!
- Respect copyright!

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Frequent Recommendations (Term Paper)

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- Title page should contain (at least) the name of the university, date (semester), title of the seminar, my name and your name!
- The bibliography should follow one the usual styles; entries should be sorted alphabetically (last name of first author)
- Use one of the usual styles for quotes and references!
- State the sources of your figures!
- Write your paper in a rather formal language!
- Don't quote from Wikipedia!
- Do not use condensed forms like "don't" – write out the word.

Frequent Recommendations (Typography)

Frequent Recommendations (Typography)

- Use a plain style!
- Try to avoid paragraphs with only one sentence.
- Avoid last line of a paragraph on first line of a page.
- Avoid first line of a paragraph on last line of a page.
- If you use full justification, turn on hyphenation!
- Use style sheets to enforce a unified layout!
- Use the different dashes (-, –, —) correctly!
- Your figures and formulas should look nice, too!
- Use correct quotation marks: "Quotation"
- Turn on page numbering!

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Frequent Recommendations (Slides)

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- Contrasts are different on a projector than on a screen!
  (Use dark letters on a light background.)
- Number your slides!
- Not everything is a list of items!
- Figures are great!
- Formulas do not parse well
  $\implies$ Develop them on the blackboard instead!
- The slides augment your talk – they are not your talking notes!

Have fun!