Seminar: Hints

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Searching for further papers:

- search for key words on Google Scholar (`scholar.google.com`)

- look at the references for papers on the topic

- look at papers that cited a relevant paper (`http://dl.acm.org/`)

- prefer papers from good conferences: INFOCOM, SIGCOMM, CCS, S&P (Oakland), WWW, Usenix, PETs, STOC, FOCS,... (`http://en.wikipedia.org/wiki/List_of_computer_science_conferences`)

Reading papers:

- decide on a set of questions you want to be answered by this paper

- write down/mark the answers to those questions + other interesting stuff you find

- relate the paper to others, categorization

- you can (but don't have to) use tools for organizing literature (e.g. Mendeley `http://www.mendeley.com/`)

Writing the final version:

- decide on structure:

    - abstract, introduction and conclusion are necessary
    - possibly a background section introducing concepts necessary to understand the actual content: notation, mathematical concepts and theorems, basic terms
    - the remaining structure should classify the papers you read in some way
    - most cases: one general section introducing the different categories and one (sub)section per category
    - alternative: discuss analytical ideas in one section, practical evaluation in a second section
    - alternative: discuss ideas in one section and results in a second

- write each section down in bullet points usually starting with the 'content sections', organise bullet points into groups, so that each group contains one basic thought (which will later be one paragraph)

- write down the full text

- several iterations of corrections:

    1. structure, overall content (ideally before writing down the full text!)
    2. content, sense, understanding
    3. grammar and spelling

LaTeX:

- compile regularly, at latest after each paragraph, after each (long) mathematical equation and whenever you try something new

- behavior varies between different operating systems, LaTeX distributions and Editors, so make sure you know your system setting when googling for help

- Guide: `http://en.wikibooks.org/wiki/LaTeX`

- Forum: `http://www.latex-community.org/forum/`