



Biometric Identification and Verification

HOW TO Write a Seminar Paper

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FIRST AND FOREMOST

- Get the content and the level of your paper right!!
- You don't have a master or doctorate yet, but you should show that you have learned enough about a chosen cutting-edge scientific topic to share your knowledge with fellow scientists.
- By all means, begin with a Wikipedia search. Then use Google Scholar to find at least one recent review paper in a respected journal, e.g. Proc. IEEE or IET Biometrics.
- Aim the level of your paper significantly higher than a good newspapers article or TV documentary!
- Make sure that all your readers learn something from your paper, including your professors!

How to Write a Paper

1. Use paper template

- word or LaTeX, available in ISIS
- Do not include an abstract
- Keep style and formatting

2. Search for literature about your topic

- pay attention to current literature and basic literature
- read papers to gather knowledge and get a feeling of how a scientific paper is written

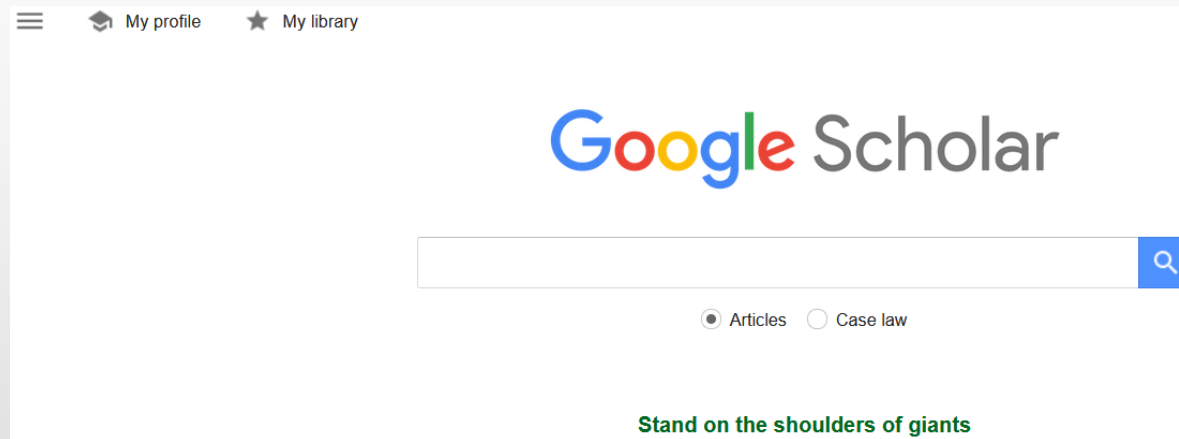
3. Think about the structure of your paper

4. Write your 2-pages paper, in English

5. When ready, convert to PDF. Submit in ISIS by the deadline.

Literature Search

- Search engines: e.g. Google Scholar, TUB Library



- Search by key words
- Download articles through TUB network
- Cite articles
- In the references of your article you can easily find other related articles

Structure of the Paper

- Introduction (no need for abstract, keywords or license statement)
- Main sections
- Discussion and Conclusion
- References

Structure of the Paper

- Introduction
 - Introduce your topic
 - Summarise info that is important to understand the rest of the paper
 - Not too long (here: max $\frac{3}{4}$ column or 1 column)
- Main sections
 - Give your main sections a logical order (e.g. related work, method, implementation, results)

Structure of the Paper

- Discussion and Conclusion
 - Write a conclusion in the end
 - Shortly summarize the results
 - Any benefits and drawbacks?
 - For “real” scientific papers it is important to judge the own research with a critical eye
 - Any future prospects? Outlook! Where is the research area going?

Structure of the Paper

- References
 - Number in order of appearance
 - Different kind of references are cited differently
 - Use an IEEE A4 conference paper template:
 - <https://www.ieee.org/conferences/publishing/templates.html>

Structure of the Paper

- General rules to be observed
 - Number and caption figures and tables
 - Reference figures and tables in the text (shortly before they appear)
 - For short papers (2 pages), 6-10 references are enough
 - Number equations so you can refer to them in the text
 - Don't use Wikipedia as reference and try to avoid webpages as references!
 - Paper should be 2 pages long excluding references
- Submit PDF via ISIS. One submission per group. **Strictly by the deadline!**

Evaluation

- Your paper will be evaluated on...
 - content being up to date
 - content being of adequate depth
 - good referencing (“standing on the shoulders of giants”!)
 - good structure
 - language, clarity and formatting
 - figures and tables
- Maximum: 30 points
- Each group member gets the same grade

More Hints

- Plagiarism is any use of the work of others without correct attribution: indent and italicise direct quotations, refer to any work that is not your own by correct in-text reference and full reference in the list at the end.
- Use the IEEE Reference Guide for correct referencing
- Any table or figure must be explained in the text
- Works from which figures and tables are taken need to be referenced
- Tables and figures should appear close to the text where they are described
- Avoid colloquial language (e.g. isn't, don't). Use words that are precise and appropriately formal
- Use any feedback from your presentation to improve/amend your paper