Proseminar Medieninformatik

Wintersemester 2015/16

Christian Mai

29.10.2015

LMU

LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

Agenda

- Goals

- Orga

- Scientific literature review

- Draft

- Topic assignment

Agenda

- **Goals**

- Orga

- Scientific literature review

- Draft

- Topic assignment

Goal

- LEARN TO WORK SCIENTIFICALLY

➔ Prepare for your Bachelor Thesis

- Learn something about a new topic

- Practice your English

Agenda

- Goals

- Orga

- Scientific literature review

- Draft

- Topic assignment

Question-based Review

- Research question + paper about this question

- Start literature review (at least 3 research papers in your paper)
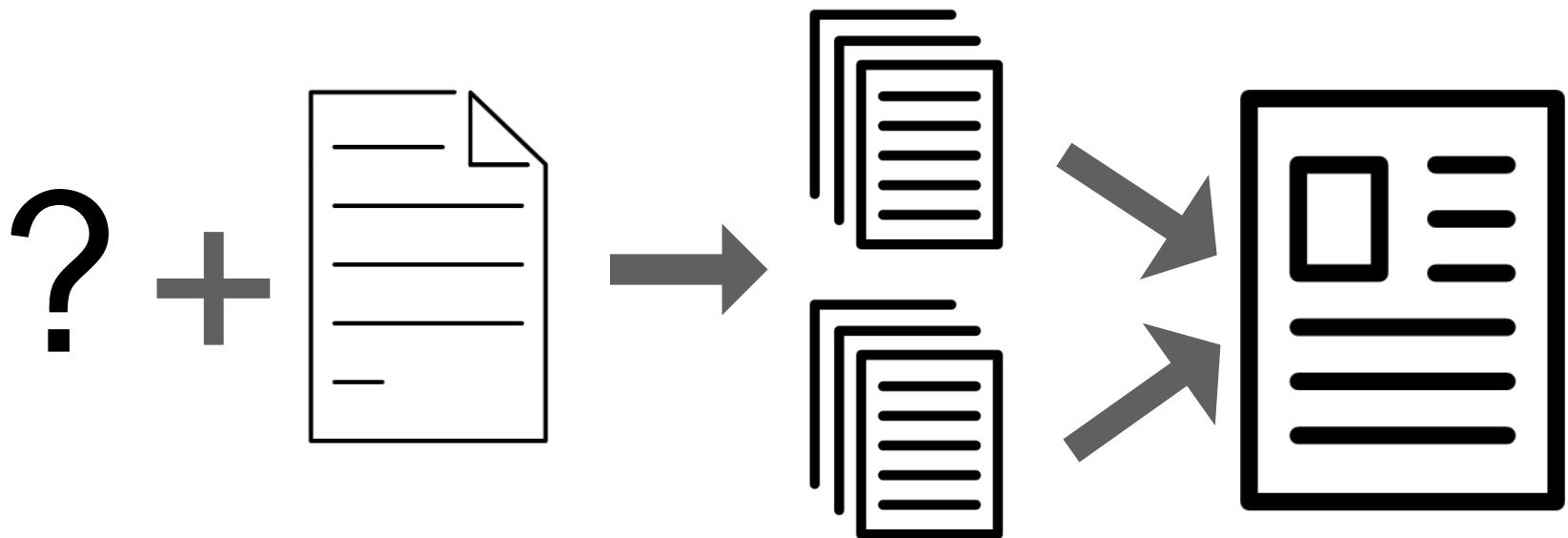
Deliverables

- Paper: 2 pages text in english (references on a third page)

- Interesting title (not the research question)

- Presentation in english

- Call for Paper + Presentation: **11.01.2016**

Paper

- 2 Pages in english

- structure of general research papers

- LaTeX-format (see website)

- Use illustrations, diagrams, images to illustrate/ summarize

- Submission: LaTeX source **+ PDF**

  - Source includes .tex, .bib, images etc., but no .aux, .log, .bbl etc.

  - ZIP-archive of submission

Paper

- **Abstract**

  Topic, relevance, why, major findings (ca.150words)

- **Introduction**

  What is the problem? Why should I read it?

- **Main Part**

Paper

- **Main Part**

  Design Space, deep discussion of related work. *Don't tell what is in the paper, think beyond*!

- **Conclusion**

  short summary + your opinion, which is reflected in your work section

Presentation

- 15 min presentation + 5 min discussion (English)

- Slide template see website

- Presentation on your Laptop or on Christians

- Mainly pictures!

- Interest the audience! Do not make us fall asleep!

    (References: https://www.ted.com/)

- Anticipate questions and prepare answer slides (backup-slides)

Evaluation sheet

75%

25%

http://www.feedbackme.co/

- Fast and easy assessment of your skills

- Customizable

- Statistical analysis of your improvements

- Code for this Session: **Yvrbu**
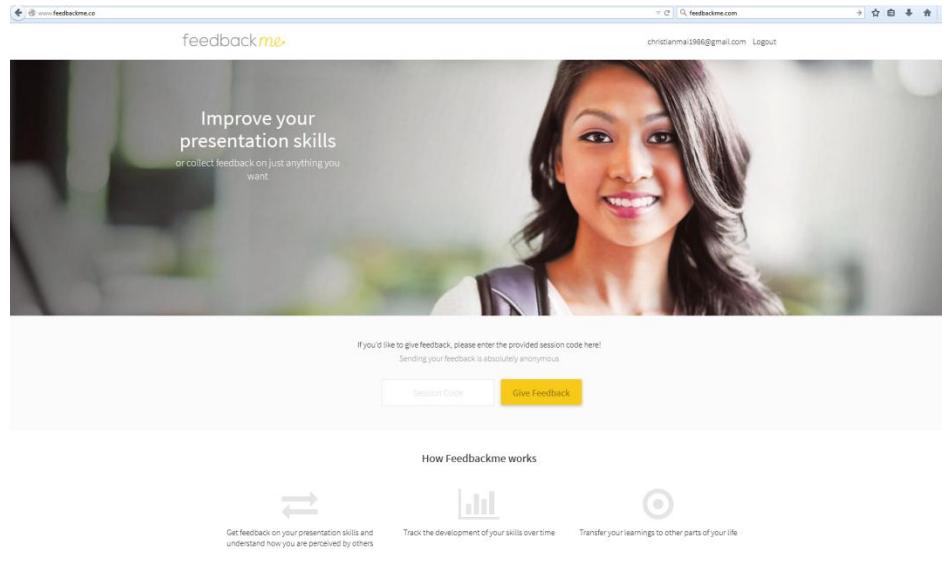
General

- Absence <= 1 Day

- Participate

- Questions?

    - Extra Session for questions?

    - Contact me by Mail, let me know your phone number (if you want to)

Agenda

- Goals

- Orga

- **Scientific literature review**

- Draft

- Topic assignment

Research in general

- Starting Point for your work: given related scientific work

    - First Orientation

    - Includes references in the "References" chapter

    - Includes first Keywords

    - Not every source can be used (e.g. Online-Articles without author, contributions in online communities)

    - Safe Online-Sources and write down the date of access!

    - References: Papers, Conferences, Journals, Books

Finding literature

- Almost all the Literatur is available online!

  - Google/Google Scholar (http://scholar.google.com)

  - ACM Digital Library (http://portal.acm.org)

  - Citeseer (http://citeseer.ist.psu.edu)

  - IEEE Xplore (http://ieeexplore.ieee.org)

  - OPAC der Universitätsbibliothek (http://opacplus.ub.uni-muenchen.de)

- For the full functionality Login at „LMU E-Medien-Login/Datenbanken" and find the needed Library (e.g. ACM)

E-Medien-Login der Universitätsbibliothek
Der Zugang zu den elektronischen Medien für Mitglieder der LMU

- **Elektronische Zeitschriften** (EZB / Elektronische Zeitschriftenbibliothek)

- **Datenbanken** (DBIS / Datenbank-Infosystem)

- **Online-Katalog (OPAC) inkl. E-Books**

Finding literature

Agenda

- Goals

- Orga

- Scientific literature review

- Draft

- Topic assignment

Why should I care about citations?

- Copyright/ intellectual Property

- Foundation of scientific work

- Citations links belonging work together

- Reader needs all the information you had to check if you are correct

Citations

- Quotation

  - Direct (in quotation marks)

  - **Indirect**

- No secondary citation
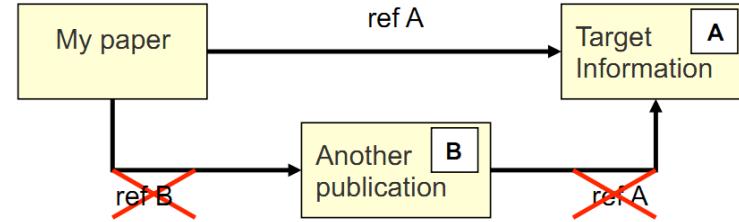
- Citation style: APA 6 (for this work)

- Wikipedia: not citeable (but good for quick research)

Citations

	IN-TEXT REFERENCE	REFERENCE LIST
BOOKS		
One author – in-text reference placement **Note:** There are two main ways to use in-text references. Firstly, to focus on the information from your source – 'information prominent'. Secondly, to focus on the author – 'author prominent'.	**'Information prominent'** (*the author's name is within parentheses*): The conclusion reached in a recent study (Cochrane, 2007) was that… **OR** **'Author prominent'** (*the author's name is outside the parentheses*): Cochrane (2007) concluded that…	Cochrane, A. (2007). *Understanding urban policy: A critical approach*. Malden, MA: Blackwell Publishing.
Chapter in edited book	A discussion about Australia's place in today's world (Richards, 1997) included reference to… **OR** Richards (1997) proposed that…	Richards, K. C. (1997). Views on globalization. In H. L. Vivaldi (Ed.), *Australia in a global world* (pp. 29-43). North Ryde, Australia: Century.
JOURNAL, NEWSPAPER & NEWSLETTER ARTICLES		
Journal article with one author – separated paging (paginated by issue) If each issue of a journal begins on page 1, include the issue number in parenthesis immediately after the volume number in the Reference List.	In an earlier article, it was proposed (Jackson, 2007)…	Jackson, A. (2007). New approaches to drug therapy. *Psychology Today and Tomorrow, 27*(1), 54-59.
Journal article with two authors – continuous paging throughout a volume. If the journal volume page numbers run continuously throughout the year, regardless of issue number, do **not** include the issue number in your Reference List entry.	Kramer and Bloggs (2002) stipulated in their latest article… **OR** This article on art (Kramer & Bloggs, 2002) stipulated that…	Kramer, E., & Bloggs, T. (2002). On quality in art and art therapy. *American Journal of Art Therapy, 40*, 218-231.

Plagiarism

- No plagiarism, NO plagiarism, not even a little!

- Plagiarism

    - Material of third parties, without reference

    - Direct quotations, without reference

    - copied pictures, diagrams or graphics without reference

- Your work will be checked automatically

- Work with plagiarism will fail the course**!**

- http://www.medien.ifi.lmu.de/lehre/Plagiate-IfI.pdf

Writing style

- Everything you write in your paper must be supported by literature!

- Think about a logical structure of your arguments

- Scientific writing is: objective, precise and neutral

- CHECK: Grammar, **SPELLING**

- Numbers from zero to twelve are written as text

- Spell out Abbreviations like „z.B.", „i.d.R.","e.g."

- Don'ts:
    - Unprecise quantities („high", „slightly", „almost", „a little bit")
    - Fillers (z.B. „now", „well", „quasi ")
    - Pseudo-Arguments (z.B. „naturally", „as expected to")

Citavi

- literature administration

http://www.ub.uni-muenchen.de/schreiben/literaturverwaltung/citavi/index.html
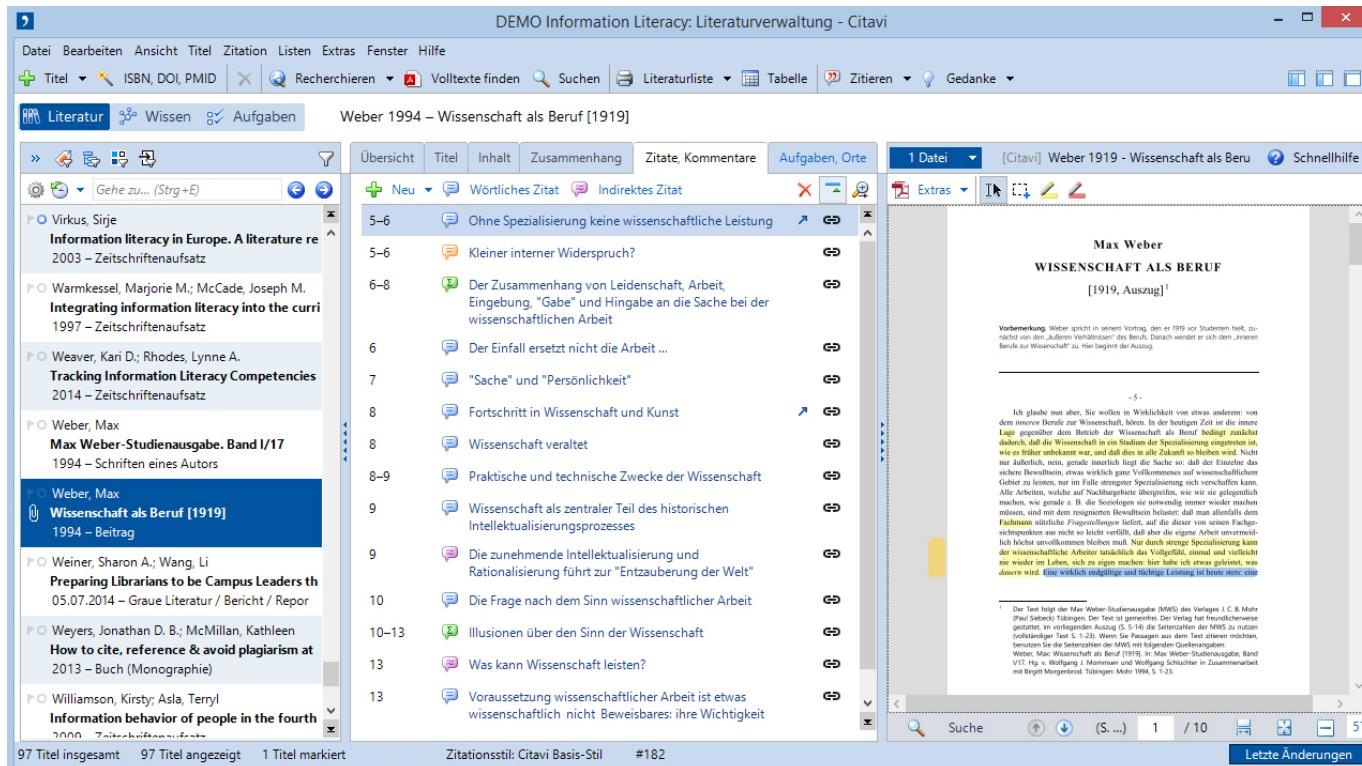
EndNote

- literature administration

http://www.ub.uni-muenchen.de/schreiben/literaturverwaltung/endnote/index.html
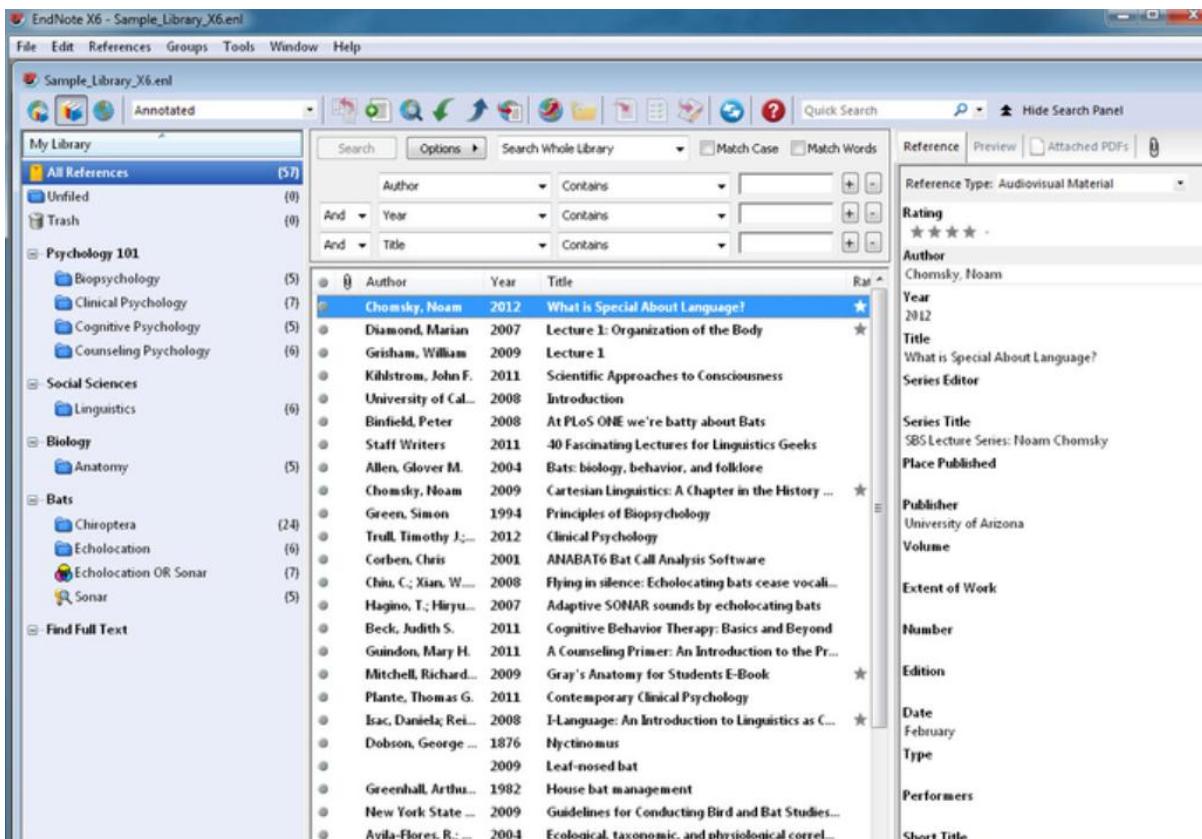
LaTeX

- Text formatting

- Integration of Pictures and Diagrams in the final document

- Integration of references (with linkage to Citavi, EndNote, BibTex…)

- No WYSIWYG, instead creation of source code

- Very nice typography

- No mistakes when creating the text

- Huge number of online tutorials available

Example creation of a document
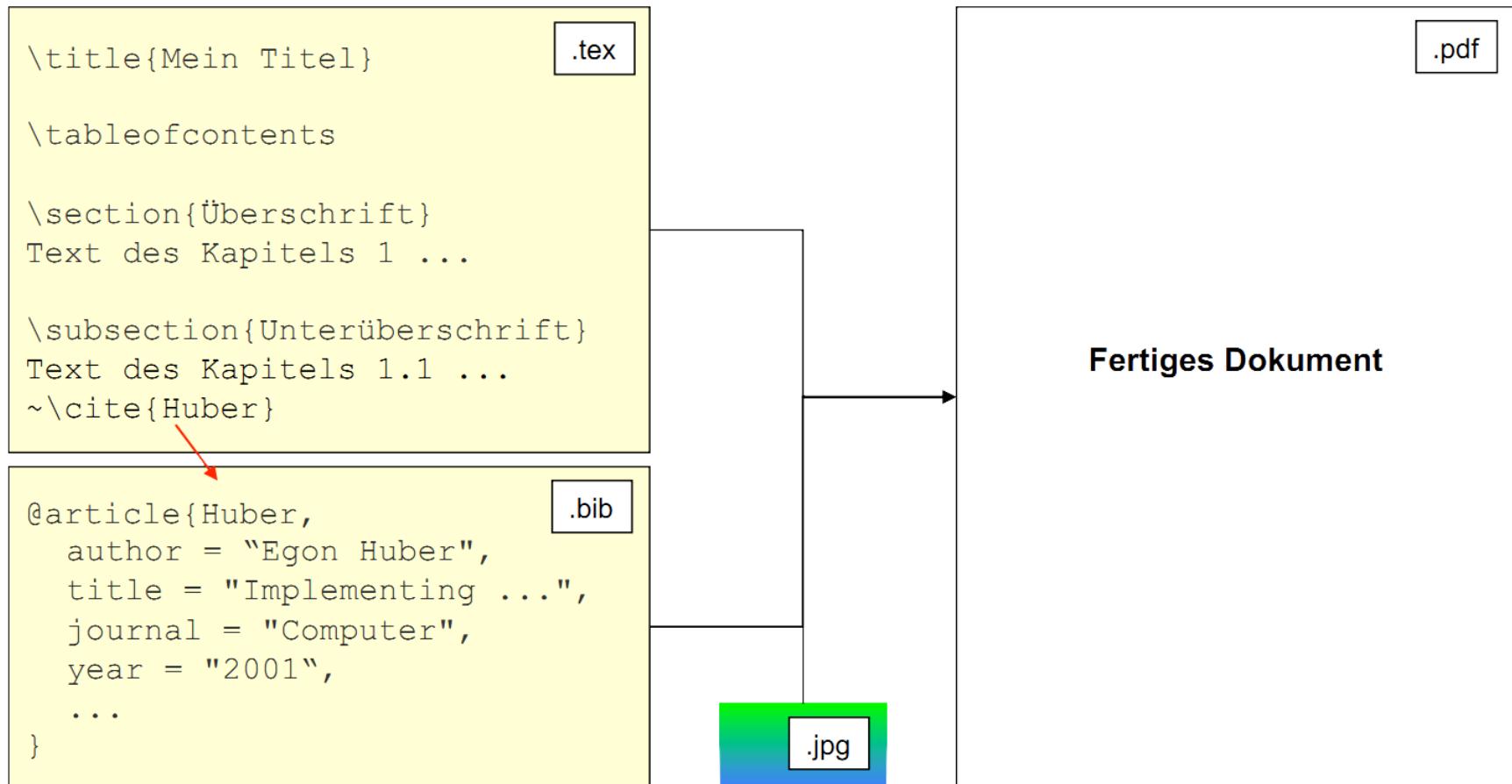
Process

● Today: Topic assignment

Process

11.01.16 Call for papers

Today: Topic assignment

Your work

Process

11.01.16 Call for papers

Today: Topic assignment

14.01.16

04.02.16

Your work
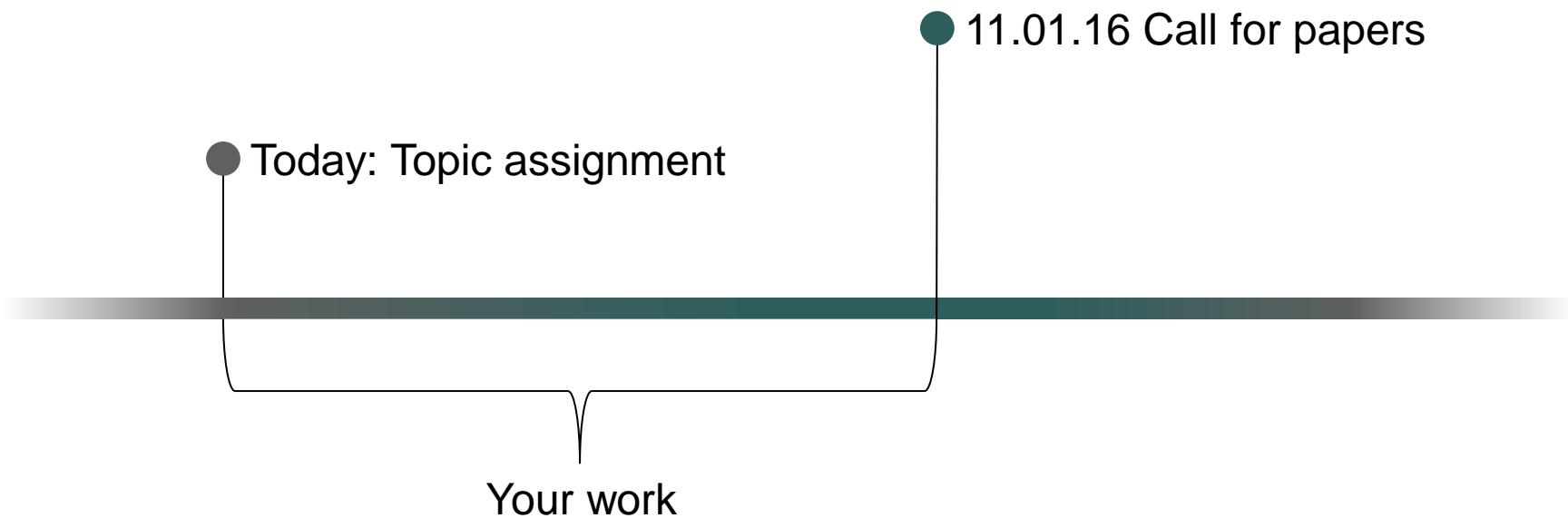
Your Presentations
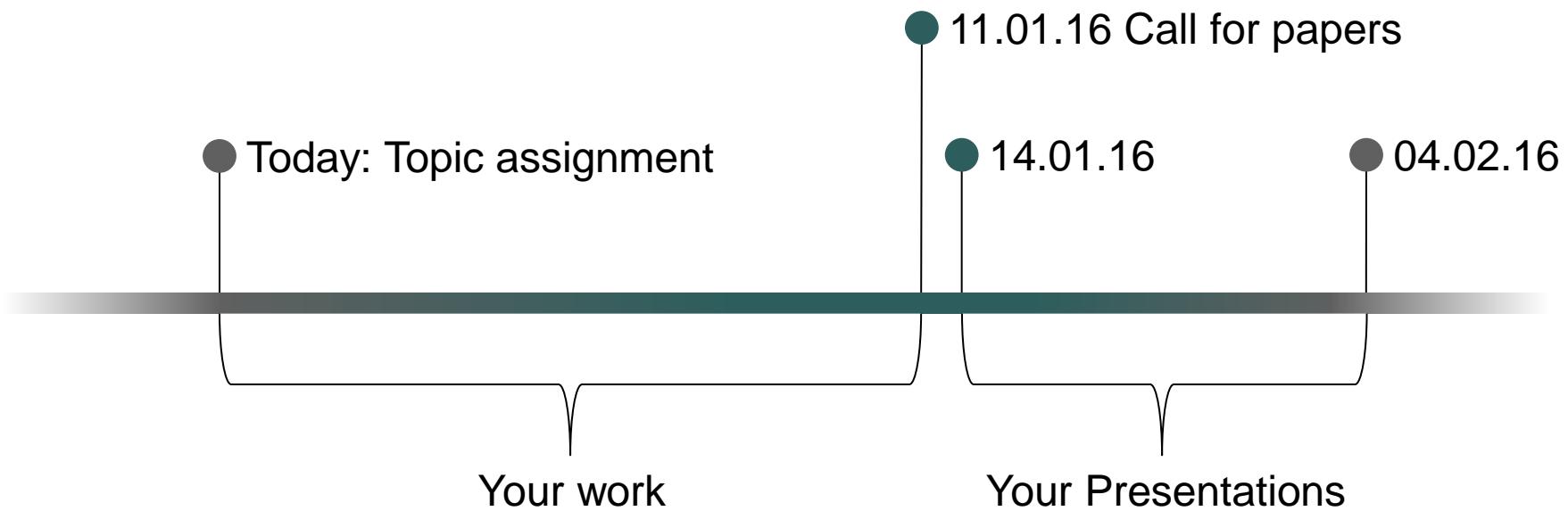
Agenda

- Goals

- Orga

- Scientific literature review

- Draft

- Topic assignment

Topic assignment

1. Katrin
2. Nicholas
3. Markus
4. Daniel
5. Benedikt
6. Michael
7. Tim
8. Maksimilians
9. Alexander
10. Felix
11. Roy
12. Yoana
13. Julian
14. Karina
15. Patrick
16. Dimiter
17. Michael
18. Karlheinz
19. Julia
20. **Florian**

Topic List

- See „Research Questions _Proseminar 1516.pdf"

BackUp

Vorgehensweise

- Wenn noch nicht vorhanden: TeX-Implementierung und LaTeX-GUIs/-IDE installieren, z.B.:
  - Windows: MikTeX (http://www.miktex.org/) + TeXnicCenter (http://www.toolscenter.org/)
  - Mac OS: MacTex (http://tug.org/mactex/), beinhaltet TeXShop IDE (http://www.uoregon.edu/~koch/texshop/index.html) oder TexMaker (http://www.xm1math.net/texmaker/)
  - Linux: teTeX-package (www.ctan.org/) + Kile (http://kile.sourceforge.net/), vorinstalliert auf Pool-Rechnern
- Download des LaTeX-Templates
  - .tex- und .bib-Dateien mit IDE öffnen, Source anschauen und nachvollziehen
  - LaTeX => PDF einstellen, **.tex-Datei zweimal kompilieren**
  - Bei Bedarf weitere LaTeX-Tutorials, Foren etc. konsultieren

LaTex-Ressourcen

- LaTex-Klassen und Dokumentation (http://www.ctan.org)

- A (Not So) Short Introduction to LaTex2e (http://www.ctan.org/tex-archive/info/lshort/english/)

- LaTeX Symbols List (http://www.ctan.org/tex-archive/info/symbols/comprehensive/)

- Grafiken importieren und formatieren (http://tug.ctan.org/tex-archive/info/epslatex/english/epslatex.pdf)

- Deutschsprachige FAQs (http://www.dante.de/faq/de-tex-faq/html/de-tex-faq.html)

- BibTeX-Tool und Dateiformat zur Verwaltung von Bibliographien und deren Einbindung in LaTeX

  - Fachliteratur-Referenzen werden online bereits vielfach im BibTeX-Format angeboten (z.B. ACM, IEEE)

  - How-To: http://www.bibtex.org/Using/de/