186.175 Seminar aus Computergraphik
186.046 Seminar aus Visualisierung

SS 2016

Organizers: Johanna Schmidt, Eduard Gröller

Teaching staff: Christoph Heinzl, Alexey Karimov, Haichao Miao, Peter Mindek, Gabriel Mistelbauer, Johannes Sorger, Viktor Vad, Ivan Viola, Nicholas Waldin, Manuela Waldner
Seminar

- Get an idea how scientific work is carried out (in visualization / CG)
  - Practice to search for literature and get familiar with a particular scientific topic
    - Selecting, reading and understanding
    - Summarizing and explaining
    - Comparing and discussing
  - Review the report of another student
  - Practice to give a talk
  - Active discussion participation
1. Select a topic
Select a Topic

- Topics will be presented today
- Topics can be selected afterwards
- Different supervisors according to topic
1. Select a topic
2. Submit a literature list
Submit a Literature List

- Get in contact with supervisor
- List of papers related to the topic
- Official subscription to the seminar!
- Deadline: 22.03.2016
Seminar - Procedure

1. Select a topic
2. Submit a literature list
3. Attend 3 lectures
Attend 3 Lectures

- **Thu, 07.04.2016, 13:00 - 15:00**
  Wie schreibt man eine wissenschaftliche Arbeit
  *(Michael Wimmer)*

- **Thu, 21.04.2016, 13:00 - 15:00**
  Forschung und wie sie funktioniert
  *(Eduard Gröller)*

- **Wed, 18.05.2016, 11:00 - 13:00**
  Wie halte ich einen Vortrag
  *(Werner Purgathofer)*
Seminar - Procedure

1. Select a topic
2. Submit a literature list
3. Attend 3 lectures
4. Write a report (1)
Write a Report (1)

- State-of-the-Art report
- In English
- Format as for a scientific paper
  - \textit{LaTeX} (Template on the webpage)
- Draft: 4 pages
- Deadline: 03.05.2016
Seminar - Procedure

1. Select a topic
2. Submit a literature list
3. Attend 3 lectures
4. Write a report (1)
5. Write a review
Review evaluates report of another student

Give advices how to improve the report

Reports assigned: 04.05.2016

Deadline: 18.05.2016
Seminar - Procedure

1. Select a topic
2. Submit a literature list
3. Attend 3 lectures
4. Write a report (1)
5. Write a review
6. Give a presentation
Give a Presentation

- Use institute’s *PowerPoint* template for presentations (template on the webpage)
- In English
- Length depending on number of participants (approx. 15-20 min)
- Active discussion participation
- Presentation Day: **17.06.2016** (mandatory)
Seminar - Procedure

1. Select a topic
2. Submit a literature list
3. Attend 3 lectures
4. Write a report (1)
5. Write a review
6. Give a presentation
7. Write a report (2)
Write a Report (1)

- State-of-the-Art report
- In English
- Format as for a scientific paper
  - *LaTeX* (Template on the webpage)
- **Final: 8 pages**
- **Deadline: 28.06.2016**
Seminar - Procedure

1. Select a topic
2. Submit a literature list
3. Attend 3 lectures
4. Write a report (1)
5. Write a review
6. Give a presentation
7. Write a report (2)
It is necessary to attend the 3 lectures to get a positive grade

Grading criteria:

- 45% written report
- 35% presentation
- 10% review
- 5% attendance during the presentations
- 5% active discussion after the presentations
Report Grading

- Grading criteria for the report:
  - Structure, figures,...
  - Language
  - Content
  - References

- Points will be deducted for:
  - Delayed submission
  - Page number below 8

- Plagiarism check!
“plagiarism involves the use of another person's work without full and clear referencing and acknowledgement”

http://www.usq.edu.au/library/referencing/what-is-plagiarism
Grading criteria for the presentation:

- Content expertise
- Didactic / preparation
- Presentation technique
- Timing
Important Dates

- **Tue, 22.03.2016:** Submit your literature list
- Attend 3 lectures (seminar room 186):
  - **Thu, 07.04.2016, 13:00 - 15:00:** Wie schreibt man eine wissenschaftliche Arbeit
  - **Thu, 21.04.2016, 13:00 - 15:00:** Forschung und wie sie funktioniert
  - **Wed, 18.05.2016, 11:00 - 13:00:** Wie halte ich einen Vortrag
- **Tue, 03.05.2016:** Submit draft report
- **Tue, 18.05.2016:** Submit review
- **Thu, 17.06.2016:** Presentations (seminar room 186)
- **Tue, 28.06.2016:** Submit final report

All submissions to jschmidt@cg.tuwien.ac.at
Next Step

- Write email to jschmidt@cg.tuwien.ac.at:
  - Name
  - Matrikelnummer
  - Studienkennzahl
  - LVA (Seminar aus CG/Visualisierung)
  - Topic