EECS 208
The Principles of Virtual Reality

Final Project Documentation

1. Write-up of Results
The final project write-up has to be structured and formatted following the SIGGRAPH conference paper guidelines as defined at http://www.siggraph.org/publications/instructions/index.html. This site also contains the appropriate style templates in LATEX and MS Word format. The length of the final paper is expected to be 6-8 pages including references and images. You are allowed to reuse the relevant material from your design specification but are expected to deliver a concise high quality final paper. Each document has to include the following sections beyond the project specific sections that you will define:

- Abstract
- Keywords
- Introduction
- Related work
- Algorithms
- Implementation issues
- Results
- Conclusions
- Future Work
- Acknowledgments
- References

2. Project abstract: (100-150 words)
The abstract is supposed to sell your work to the reviewers. If the abstract does not catch their attention, the paper is going to be a hard sell.
- concisely present the key components of the problem you have worked on
- present why your work is important
- I will be one of the paper reviewers
- Do not assume that we both know the details of your project

3. Keywords
Identify up-to five keywords that best categorize your type of work

4. Introduction
In detail, introduce the area of your work. Assume that the reader has no in depth knowledge of your particular work. Then describe the problems that had to be addressed and what type of work is presented in the paper. Finally make the point why your work is important.
- this is the problem I have investigated
- this is why it is a problem
- this is why it was worth solving
- this is how I solved it
5. Related work
In this section you should show that you have familiarized yourself with your research area by:
  • briefly describing the work that already has been done in this field by others
  • including proper references to relevant papers

6. Project contents
This is where the meat goes. We expect you to concisely present what you have worked on and how you have solved the problems at hand. Again, this is supposed to be a professionally written conference paper.
  • explain which data structures you used and why.
  • explain the performance characteristics of required components.
  • explain which tools you developed and how they work.
  • outline the developed user interface components.
  • support and explain your work with sketches/drawings/images/flowcharts

7. Results
  • how will you test your system / how will you show that it works ?
  • what will the final system look like

8. Conclusions
Summarize your work and highlight the most important parts. The abstract in combination with the conclusions is a key component for all papers. These two section frequently determine if the rest of a paper is worth reading.

9. Future Work
Describe how you would extend this work in the future.

10. Acknowledgments
Acknowledge those that have made the work possible through funding, constructive input or criticism and moral support.

11. References
  • include references to at least ten relevant papers discussing work related to your proposal.
  • create a bibtex file for all references relevant to your work

12. Miscellaneous
  • spell check your documents
  • label all tables and figures