

Visualization 6406

Notes on Seminar Presentations

General notes:

- Each student will present a **research paper**.
 - Students will also submit a **review** of their presented paper including critical commentary by the student. For the paper reviews, you will evaluate the papers using the official **IEEE Transactions on Visualization and Computer Graphics journal review form**. See the course webpage for the editable review form.
 - Students will also submit a **6 page survey report** of the general area of visualization that each presented paper is within. This should discuss a number of papers that are similar to the presented paper in application and/or methods.
 - **Do not go over the page limits**. Treat this like a conference or journal hard page limit. If you go over the limit, the extra pages will not be marked.
 - Reports and reviews are due at the beginning of the next lecture after your seminar presentation.
 - Following each presentation will be a short question/discussion period.
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Notes on Seminar Schedule:

- Seminar classes will run (mainly) on **Thursdays**, in class.
 - There will be **3 seminars** in each seminar class. Each by a different student.
 - Each seminar will be **20 minutes with 5 minutes** for questions.
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Choosing a paper to present:

- You must email the professor **one week before your seminar** with the title of the paper that you are presenting and a web-link where that paper can be downloaded. This will ensure that the rest of the class has a chance to read it and that the paper is appropriate.
- Take a look at [A Brief Informal Guide for Finding Research Papers of Interest](#) on the course reference page.
- It is recommended that you choose a paper from the following journals and conferences, but other sources can be considered:
 - [IEEE TVCG](#), [IEEE Vis](#), [IEEE Infovis](#)

Suggestions for your presentations:

- There will likely be some amount of overlap between the lectures and seminars. Try to focus on those aspects of the papers that have not already been covered in lectures.
- Provide some brief context of where the paper fits into visualization research. For example, is the paper mainly about human perception? Presentation? etc.
- Highlight what the papers contributions are. How does it differ from the prior work that it references?
- Discuss any limitations of the paper that the authors point out, or that you suspect have not been addressed.
- Discuss how the work could be expanded or altered. What future work did the paper open up? Did it give you any ideas?
- Try to anticipate questions that the audience might ask.
- Clearly motivate the paper. Why was this research done? Why is it worthwhile? Is it worthwhile?
- Clearly structure your talk with:
 - an introduction and motivation,
 - prior work (brief),
 - main body,
 - limitations
 - and future work.

Grading of Seminars

- Evaluated for 30% of the Final Grade.
 - presentation worth 10% each
 - report worth 10% each
 - IEEE review worth 10% each
- Presentations with be graded on:
 - Visual quality of presentation (slides)
 - Delivery
 - Content of Presentation
 - Ability to Answer Questions
 - Overall Effectiveness