

Guidelines for Paper Presentations:

The purpose of the paper presentations is to give you experience with evaluating and summarizing relevant research papers, and making a 30-minute oral presentation of your understanding of the paper. The papers to be evaluated and presented will be journal papers or book chapters that represent influential research in some specific topic area of advanced robotic systems. All students are responsible for reading and understanding all papers presented.

Each student must evaluate and present one assigned paper to the class. Presentation Format: All presentations must be prepared electronically using Powerpoint (no exceptions). When you give your presentation, you may bring your own (or a borrowed) laptop to give your presentation electronically. If you'd like to use the instructor's laptop for the presentation, please email your Powerpoint file several hours before the class. Your presentation should be of length 20 minutes, with 5-10 minutes of Q/A with the class at the end. Typically, one slide per minute is a good rule-of-thumb, so about 15-20 slides should be prepared. These slides should include the following information:

- Your name and the date of your presentation
- Information about the paper reviewed: Title, author, author affiliation, date and place of publication
- Problem/issue the paper is addressing
- Approach used to address problem
- Results of the approach
- Strengths and weaknesses of the approach/results
- Brief comparison of approach/results to other work
- Summary of major contribution of the paper
- If it's a survey paper/book chapter, present the overall research activities in the researched area

If information on one of the above topics is not included in the paper, then state that in your presentation. You are not required to research the topic beyond the assigned paper. However, it is expected that you will use your own analysis capabilities to evaluate the paper beyond what is simply stated in the text. If there are graphs, photos in the paper, you may copy and paste electronically in your slides. For other results in the paper that are difficult for you to reproduce in your Powerpoint presentation, you may just refer to the location of the information in the paper, and speak about the results there. You may

assume that your classmates will have their own copy of the paper to refer to during your presentation.

Grading: You will be graded on the following aspects to your presentation:

- Thoroughness, accuracy, and insightfulness of your evaluation
- Clarity of presentation, including quality of your slides and your discussion
- Adequacy of your answers to questions that are asked in the Q/A period
- Adherence to the content/format guidelines given above
- Adherence to the 30-minute schedule

You must also send the instructor a copy of your electronic Powerpoint presentation sometime the day after your presentation. Being late in sending this electronic version to the instructor will lower your grade.

You're encouraged to participate in the question time of your classmates' presentations. Being able to ask relevant questions will give you bonus points for the presentation. You may prepare one question for each other paper that you're not presenting.

Recommendations for success:

- Don't procrastinate. You can't expect to have a good presentation if you don't start until the night before.
- Practice! Get a friend to listen to your presentation and give you feedback. Give your presentation several times in front of a mirror. Time your presentation to be sure it is 20 minutes. Keep in mind that sometimes you talk at a faster or slower pace when you are in front of an audience than when you are practicing alone.