



**Department of Mechanical Engineering
ME EN 7960 - Haptics**

Final Paper Guidelines

Due before 11:59 PM on Monday 5/9

General Overview

Each team will prepare a final project report in the form of a 6-8 page conference paper. Best paper award winners from past Haptics Symposiums and World Haptics Conferences are being posted on the “Readings” page to serve as examples of the type of content that should go in your conference paper. A standard conference paper template will be posted on the “Projects” page of the class website. The main sections and content is also outlined below.

It is also suggested that each team also prepare a “Readme” or “quick and dirty” documentation of their project that may be valuable if the topic of their project is ever continued by another student.

Please direct your questions to Dr. Provancher concerning your project’s paper.

Recommended Paper Content

Each paper should present the following:

~1-2
Pages

- An Abstract (~150-250 words describing the overall Problem/Project statement, motivation, approach, results and conclusions)
- Introduction and Background (longer papers often have a separate background/literature section)
 - Introductory paragraph(s) with a “funneling” statement that leads to you’re a problem/project statement:
 - Problem/project statement: Statement of what your paper is about and/or the stated hypothesis for your paper/project
 - Also include in your intro:
 - Project Motivation: Motivation behind your project and why we should care about your project
 - Background literature (also good to go from things that are generally relevant towards the few papers that are most relevant – also acts a focusing statement)
- Experimental Apparatus / Device development
 - Device information including important aspects of how the device was controlled and its performance (if appropriate). If a prior publication

1-3
Pages

exists on a device you are using, you should still give a brief summary of the device and important information, and then give a citation to the relevant paper for further details.

- ½ -1 Page • Methods, participant information (info about how you designed your experiment or evaluated your project, as appropriate).
- 1-2 Pages {
 - Results
 - Present your results with appropriate graphics, labels, statistics and animations/movies as appropriate.
 - Discussion (sometimes you can combine Results and Discussion together)
 - Discuss what results mean
 - Only briefly discuss any issues you had.
- ½ -1 Page {
 - Conclusions: underscore important results
 - Also briefly suggest future work
 - References (typically 8-20 for most conference papers)

Make sure to provide all citations as appropriate. Your paper will also be plagiarism checked using “turn-it-in.” If your group’s paper is flagged by the plagiarism software, this could result in a zero being recorded for your group’s report grade. If you are unsure what is and is not plagiarism, please ask.