



ME 20N: Haptics: Engineering Touch  
Autumn 2017

# Week 10: Haptics Projects and Course Wrap-Up

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# Project

- Goal: Create a haptic device and accompanying haptic experience (rendering, user interface, or augmented reality) that is *different* from the standard Haplink
- Materials: Your Haplink parts + materials I provide + materials you purchase or find on your own

12/7 Deadline: Demonstrate project in class from 1:30-2:15 pm  
(discussion and cleanup after)

12/14 Deadline: Wiki Report at 5 pm

Invite your friends to the demo session!

# Today

- I will check off each team having a moving prototype
- I will ask you to walk me through the demonstration
- I suggest that you create a sign or flyer to help people at the demo session understand your project — especially if they are waiting in line for their turn.

# Final Report

- The report is your project wiki page (see examples at <http://charm.stanford.edu/ME20N2014>, yours will be <http://charm.stanford.edu/ME20N2017>)
- Report is due Dec. 14, 2017 at 5 pm (you can edit after that, but grading will be based on the version at the deadline)
- To login for editing, enter username: *ME20NStudent*; password: *hapticsintro*
- A template will be created for each team. Edit the template, keeping all required components. You must have: at least one image of your final device, one video (I will provide), text in all sections, and links to all software and CAD files.
- Suggestion: do your major writing/edits in an external word processor to help you keep track of versions and do automatic spelling/grammar checking. It is easy to accidentally delete wiki text while you are editing, so make sure to keep backups!

# Discussion

- What do you think about haptics:
  - As a potentially useful technology
  - As an educational tool
- Has this class influenced your interest in a major/career in science or engineering?
- What was your favorite thing about this class?
- If you had to change one thing about this class, what would it be?
- If you had to change one thing about *your approach* to this class, what would it be?

# To Do

- Complete wiki report for project by Thursday Dec. 14 at 5 pm.
- Remove any of your items from the lab by Thursday Dec. 14 at 5 pm.

Congratulations on your projects,  
and have a great winter break!