Course Intro:
Welcome to Technical Animation!

15-464/15-664 Technical Animation, Spring 2021
Introductions
Some things I’ve worked on
Human Grasping “In the Wild”

Palmar Gutter

Power Palm

Power Pad

Power Lateral

Precision Pad

Precision Lateral

TWIST

Precision Pad

Palmar Gutter

Power Pad

Power Lateral

Precision Pad

Precision Lateral 1

Precision Lateral 2

TWIST

Power Palm

Palmar Gutter

Power Pad

Power Lateral

Precision Pad

Precision Lateral
Design and Fabrication of Robot Hands for Dexterous Tasks
Nancy Pollard and Stelian Coros

with Dominik Bauer, Kai-Hung Chang, Chris Hazard, Jonathan King, Yuzi Nakamura, and Cornelia Schlagenhauf
with Ryan Coulson, Charlie Li, and Carmel Majidi
Some things I’ve worked on
Course Organization
# 15-464 / 15-664 Syllabus for Spring 2021

This is a tentative syllabus and will be adjusted according to results from Assignment 0 and in-class discussion.

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Assignment 0

- Email me 5 paper choices (nsp@cs.cmu.edu)
- Due Monday, Feb 8th
- Guidelines:
  - published in 2020 (with some exceptions!)
  - relevant to Technical Animation
- You will present one of these papers in class
- First come, first served, so get me your choices early!
- Detailed guidelines are available on the course webpages
What else you can do this week

• Start your blog!

• Email me a pointer to your blog page (Due Monday, Feb 8th)

• Use any blogging tool you like or simply host a web page anywhere

• Guidelines:

  • One blog entry per class

  • A short paragraph is sufficient

  • Include your thoughts/observations/comments

  • Your blog can be private or public, as you like. (Just make sure I have access :)

• Our course material ranges over many articles and other sources, and your blog can help to tie it together into your personal package of notes. I use the feedback that you give me in this blog to improve my future lectures.