



# Week 6

**ECE2883 HP**

T. Collins / K. Johnson

# Agenda



- Work as design teams
- Brainstorm and outline proposals
- Determine approximate needs
  - Hardware
  - Useful FPGA “devices”
- Lab exercises next week are TBD
  - May relate to some candidate FPGA devices

# Groups?



- Collaborative music

- Chelsea Cerase
- Justin Cheung
- William Harrer
- Vikram Krishnamurthy
- Jake Margolies

- Solenoid Art

- Emily Mei Backer
- Sheridan Carroll
- Michelle George
- Eric Lin
- Zac Zachow

- Moving mirrors

- Victor Barr
- Rebecca Cottrill
- Joseph Lennon
- Scott Schultz
- Trai Tran

- Laser Spirograph

- Tristan Gaskins
- Gad Monga Ilunga
- Siddharth Mehta
- Wendy Ng
- Nagela Nukuna
- Abhinaya Uthayakumar

- Touch Poster

- Hannah Ackermann
- Ryan Beckmann
- Scott Damerow
- Tiffany Dang
- Adam Friedman
- Annalise Irby



# Lab exercises this week

- **Non-LEs learn Quartus CAD**

- Done in lab, because it uses DE2 boards and installed Quartus software
- Same exercise performed by LEs earlier

- **LEs learn basic VHDL**

- Can be done at home, because most is a learning module, and the rest is done on personal computers
- Quartus 13.0 installed as part of exercise