



Lecture 5

ECE2883 HP

T. Collins / K. Johnson

Agenda



- Finish proposal-writing lecture
- Describe new lab exercises
- Finalize design *teams* (not necessarily design *projects*)

Lab exercises this week (due 9/17)

- 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



Atlanta Botanical Garden

- <http://atlantabg.org/events-classes/events/bruce-munro-light>

Project theme interests

- Collaborative music
 - Joseph Lennon
 - Tristan Gaskins
 - Vikram Krishnamurthy
 - Wendy Ng
 - William Harrer
- Laser Spirograph
 - Gad Ilunga
- Moving mirrors
 - Abhinaya Uthayakumar
 - Gad Monga Ilunga
 - Joseph Lennon
 - Nagela Nukuna
 - Rebecca Cottrill
 - Scott Schultz
 - Trai Tran
 - Wendy Ng
- TBD Musical Instrument
 - Chelsea Cerame
 - Joseph Lennon
 - Vikram Krishnamurthy
 - Wendy Ng
 - William Harrer
- Touch Poster
 - Abhinaya Uthayakumar
 - Adam Friedman
 - Annalise Irby
 - Hannah Ackermann
 - Joseph Lennon
 - Ryan Beckmann
 - Tiffany Dang
 - Wendy Ng
- Turtlebot
 - Emily Mei Backer
 - Eric Lin
 - Gad Ilunga
 - Joseph Lennon
 - Michelle George
 - Siddharth Mehta
 - Victor Barr
 - Wendy Ng
- New themes
 - Abhinaya Uthayakumar
 - Chelsea Cerame
 - Joseph Lennon
 - Vikram Krishnamurthy
 - Wendy Ng
 - Zac Zachow