



COMPUTER ENGINEERING

ECE 189A/B Capstone Project Presentation Day

June 8 (Thu) | ESB Rm 1001 & Courtyard

ECE 189 A/B - Instructors: Dr. John Johnson & Dr. Yoga Isukapalli

TAs: Celeste Bean (A/B), Will Miller (A) and Caio Motta (B)

MORNING SESSION — 10:15-12:00pm

10:15 - Opening Remarks

10:30 - IR Hub: a device that allows users to turn their smartphone into a universal remote, giving them control over their living room with nothing more than their phone's Bluetooth and the Hub

Team: Nathan Bradley, Jesus Castro, Jeremiah Prousalis

11:00 - Gestur: a virtual reality glove focused on obtaining a high degree of precision between the movements of the hand and how it is represented in virtual space

Team: Ryan Kaveh, Kyle Carson, Jon Young

11:30 - Sonos COM: an intercom device that lets the user broadcast their voice to any Sonos system in their home

Team: Brian Sandler, Brenden Fujishige, Marcellis Carr-Barfield, Seyed Mohammad Ghazitabrizi, Richard Wei, Subhdeep Choudhury

POSTERS & PIZZA LUNCH in the ESB Courtyard - 12:00-1:00pm

AFTERNOON SESSION — 1:00-3:30pm

1:00 - FLIR Helios: a wireless, WIFI-enabled security camera that harnesses energy from the sun to bring peace of mind to your home

Team: Ben May, Carlos Beltran, Salim Benhaddou, Garrison Carter, Aaron Chang

1:30 - UCSB Hyperloop: a communications, telemetry, and control unit for UCSB's entry into SpaceX's Hyperloop Pod Competition

Team: Yang Ren, Tristan Seroff, Asitha Kaduwela, Jesus Diera

2:00 - OstraCam: an underwater low-light stereo imaging instrument to aid in observations of biological activity

Team: Paul Killam, Christina Lim, Oliver Thio

BEST PROJECT AWARDS in the ESB Courtyard Stairway - 2:45 pm