

**ECE 189A/B  
CAPSTONE  
PROJECT  
PRESENTATION  
DAY**

**Computer  
Engineering**

**June 8 (Thu) | ESB Rm  
1001 & Courtyard**

**Posters & Free Pizza Lunch**

**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, Subhodeep 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 - 2:45pm**