Computer Engineering Program

Senior "Capstone" Project Presentation Day

Thursday, June 5, 2008 ~ ESB 1001 / 2001 and ESB Courtyard

Schedule of Events

8:30am to 10:00 (ESB 2001): Breakfast Treats / ECE 188 and LITE Presentations
10:00 to 12:00 (ESB 1001): Breakfast Treats / CS 189 "Capstone" Project Presentations
12:00 to 1:00 (ESB Courtyard): Pizza Lunch / Group Poster Session
1:00 to 5:00 (ESB 1001): Cake / ECE 189 "Capstone" Project Presentations

Overview

The students will participate in a poster session and conduct presentations of their final group projects from the CS 189, ECE 189, ECE 188 courses and the LITE (Leadership in Team Engineering) Program

Presentation Projects

TO SEE GROUP WEBSITES GO TO <http://www.ce.ucsb.edu/capstone.htm#proj>

LEADERSHIP IN TEAM ENGINEERING (LITE) PROJECT – ESB 2001
IDEAS: (9:00) Aimed at creating an innovative game that teaches children about environmental conservation.

ECE 188 PROJECT – ESB 2001
BIGXELs: (9:30) A simple efficient, low-cost, very-large-scale picture element display using high-power LEDs and networked lighting control.

CS 189 PROJECTS – ESB 1001
Phase 2: (10:00) Automated computer infrastructure security assessment tools.

Cyborg: (10:30) Transcribed voicemail application incorporating SMS, Email and more on Google's Android mobile device platform.

ConnectRD: (11:00) Video conferencing on the desktop using the web browser only and the ability to incorporate audio-only participants via voice-over IP.

Picard: (11:30) Using MapReduce and Cloud Computing to try and win the Netflix Prize, a recommendation algorithm competition.

ECE 189 PROJECTS – ESB 1001
CFit: (1:00) Digital personal trainer.

PTS: (1:25) Hospital patient tracking system.

Microtouch!: (1:50) Touchscreen MP3 player.

HiCam: (2:15) Remote control blimp with camera.

Icebreaker: (2:40) Social awareness device.

Acoustik: (3:05) MP3 player.

Quasi-M070: (3:30) Bluetooth audio switch.

WAM: (3:55) Wide-area Mesh Network.

Safe Teen Driver: (4:20) GPS auto tracker.

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