Computer Engineering Program

Senior "Capstone" Project Presentation Day

Thursday, June 7, 2007 ~ ESB 1001 / 2001 and ESB Courtyard

Schedule of Events

9:00am to 11:30 (ESB 1001): Breakfast Treats / CS 189 "Capstone" Project Presentations
11:30 to 1:00 (ESB Courtyard): Pizza Lunch & Cake / Group Posters
1:00 to 4:30 (ESB 1001): ECE 189 "Capstone" Project Presentations
2:00 to 4:00 (ESB 2001): ECE 188 and LITE 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 Program

Presentation Projects

CS 189 PROJECTS – **every half hour from 9:00 to 11:30 in ESB 1001**

TeamSync: (9:00) Software that enables teams to manage, share, modify, and synchronize files at any location

ShareSpot: (9:30) A real time, lightweight meeting place web application to share slides and more

CleverContacts: (10:00) Tool used with CallWave's Internet Answering Machine and Plaxo's Web Sync services

Visual VoiceMail: (10:30) A phone application that allows users to view / play voicemails in a user friendly GUI environment

Vdoop: (11:00) A Google-style distributed file system & parallel programing architecture through the power of XEN virtualization

ECE 189 PROJECTS – **every half hour from 1:00 to 4:30 in ESB 1001**

GLAIS: (1:00) Geographic Location Audio Information System

Ambience: (1:30) Light show controller

LampLifter: (2:00) Active control greenhouse lamp

TOGS: (2:30) Automated organizational robot

EasyTouch LCD: (3:00) USB Keyboard that contains an integrated color touch-sensitive LCD

SCANV: (3:30) Sensor Controlled Automated Network Vehicle

BIAS: (4:00) Basic Integrated Audio System

ECE 188 and LEADERSHIP IN TEAM ENGINEERING (LITE) PROJECTS – **every half hour 2:00 to 4:00 in ESB 2001**

Self Re-setting Logic Demo: (2:00) An asynchronous self-resetting logic communications demonstration chip

Model Helicopter UAV: (2:30) On-board flight computer for command and control of a 6DOF gas-powered model helicopter

Child Security Project: (3:00) An all-in-one PDA based management service for day camps at the zoo with GPS and more

Train Team: (3:30) Systems to improve the functionality of the train that encircles the Santa Barbara Zoological Gardens

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