April 2, 2012

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Cal Poly Computer and Electrical Engineering Showcase Set for April 14

SAN LUIS OBIPSO – Cal Poly's computer engineering, computer science and electrical engineering programs will host the Computer and Electrical Open House Showcase on Saturday, April 14 from 10 a.m. to 3 p.m. in Mott Gym on campus.

Attendees will have an opportunity to participate in a variety of games and activities presented by about 15 student clubs. Many of the activities are geared toward a K-12 audience and are designed to spark interest in technical majors and careers in technical fields.

"Our goal is to show how fun computer engineering, computer science and electrical engineering can be and showcase the talents of our Cal Poly students," said Hugh Smith, director of the computer engineering program. In addition, visitors can see live-action robots in two autonomous robotics competitions.

10 a.m.–3 p.m.: Computer and Electrical Open House Showcase

Student projects will be on display. Interactive booths include computer gaming demos and an animated stuffed animal petting zoo. Attendees will have a chance to build their own robot.

10:30 a.m.–12:30 p.m.: ViaSat Scribbler Showdown

Cal Poly students test their programming skills using the **scribbler**, a fully programmable intelligent robot with multiple sensor systems. In the Maze, students program the scribbler to navigate a maze. In the Ultimate Obstacle, students program their robot to avoid obstacles and carry cargo. In the Creativity Contest, students program the robot to create a drawing.

1–3 p.m.: Roborodentia

Roborodentia is an annual robotics competition held during Cal Poly Open House. Last year's competition drew more than 1,000 spectators and 17 robot entries and teams. This year's competition is a head-to-head double elimination tournament. The objective is to collect small cans and push them into the end zone.

For more information, go to http://cpe.calpoly.edu/showcase/.

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