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California Polytechnic State University

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Contact: Amy Hewes

805-756-6402

ahewes@calpoly.edu

Cal Poly Society of Women Engineers Wins National Team Tech Competition

SAN LUIS OBISPO – A diverse group of engineering students from Cal Poly’s Society of Women Engineers recently took first place and \$5,000 in the national Boeing Team Tech Competition.

SWE students submitted a winning design for a roller coaster weld point inspection device that moves along a roller coaster track to sense whether or not welds are smooth.

After performing initial design tests at Cal Poly, the team conducted actual on-track testing at Disneyland. Pat Doyle, a Disney project engineer and the team’s industrial advisor, was impressed with the Cal Poly team. “The students treated this project just as I would have in my current role at Disney,” he said. “Their knowledge and education is a clear advantage when coming up with new and innovative design solutions.”

Using only half the team’s allotted budget, Emily Hakun, a general engineering graduate student, and Amber Iraeta, a mechanical engineering senior, led the team which designed the modular device.

The National Conference held in Nashville, Tenn. marked another banner year for Cal Poly SWE. The chapter also received the prestigious Boeing Multicultural Award, took second place for best Collegiate Web site and took third place for Most Outstanding Large Collegiate Section.

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Cal Poly Public Affairs
California Polytechnic State University
San Luis Obispo, CA 93407
805.756.7266
polynews@calpoly.edu