



Thursday, May 22, 2003

Intelligent ground vehicles to compete at OU

Oakland University's **School of Engineering and Computer Science** is hosting the 11th annual Intelligent Ground Vehicle Competition (IGVC), which challenges engineering students to design autonomous vehicles to compete in a variety of unmanned mobility competitions, May 31 through June 2 at the corner of Adams Road and Walton Blvd.

This year's competition, which is open to the public and free of charge, will include a visit from U.S. Senator Carl Levin, who will speak at the opening ceremony June 2 at 8 a.m.

More than \$23,000 will be given in student prize money for the IGVC events, which include the autonomous challenge where vehicles negotiate an outdoor obstacle course in full autonomous mode; a navigation challenge where vehicles maneuver using GPS coordinates to target destinations while avoiding obstacles; follow-the-leader where vehicles follow a lead vehicle keeping a constant separation and minimal deviation; and the design competition, in which a written report is submitted and an oral presentation given demonstrating the vehicle.

Sponsors for the event include the U.S. Army TACOM, Association for Unmanned Vehicle Systems International, U.S. Department of Transportation, AUVS—Great Lakes Chapter, United Defense, DARPA, SAE, Theta Tau Professional Engineering Fraternity, FANUC Robotics, Motorola, General Motors, General Dynamics Land Systems and the U.S. Department of Defense.

For more information, please contact Electrical and Systems Engineering at (248) 370-2177 or jsearigh@oakland.edu.

SUMMARY

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