AUVSIfoundation
ASSOCIATION FOR UNMANNED VEHICLE SYSTEMS INTERNATIONAL
Founder and Sponsor

OAKLAND UNIVERSITY

IGVC
Intelligent Ground Vehicle Competition

25th Annual Intelligent Ground Vehicle Competition (IGVC)

Oakland University, Rochester, MI   June 2-5, 2017

www.IGVC.org

For Twenty Five years IGVC has challenged university & college student teams to a world class design & systems engineering experience that is at the very cutting edge of engineering education. IGVC is multidisciplinary, theory-based, hands-on, team implemented, outcome assessed, and based on autonomous vehicle system product realization. Student teams receive professional recognition for achievement and cash awards.

Auto-Nav Challenge Vehicles autonomously drive & navigate an outdoor course in full while negotiating obstacles, lane following and maneuvering using GPS coordinates to complete the course in the minimum time.

Design Competition: All students teams A written report is submitted, then an oral presentation and vehicle demonstration is presented to IGVC Design Judge Panel.

Inter Operability IOP Challenge: Vehicles perform with the IOP open architecture for unmanned systems.

Coming in 2017 Spec 2 (New IGVC Challenge): Street legal, 25mph fully autonomous vehicle competition. Year 1: Demonstration of autonomous street driving capabilities, parking & track driving maneuvers.

8 Spec2

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