

# 26th Annual Intelligent Ground Vehicle Competition (IGVC)

Oakland University, Rochester, MI June 1-4, 2018

[www.IGVC.org](http://www.IGVC.org)



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For Twenty Six 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.

## Self Drive Challenge

Street legal, 25mph fully autonomous vehicle competition, focused on autonomous street driving capabilities, parking & track driving maneuvers.

