The DRiVE Lab Workshop

 Updated Information
DRiVE Lab Workshop location update: Wednesday, **December 4th, 2019 from 10:00am to 11:30am** in **Thornbrough Room 1311.**

Date
Wednesday December 4, 2019 10:00am to 11:30am

Location
Thornbrough Room 1311

Description

The University of Guelph DRiVE laboratory is seeking to collaborate with faculty interested in driving-related areas of research such as driver safety, driver performance, development of in-vehicle technologies and other medical and commercial applications.

Headed by Professors Lana Trick (Psychology), Michele Oliver (Engineering) and Andrew Hamilton-Wright (Computer Science), this state-of-the-art research facility is housed in the Engineering building.

DRiVE Lab is a suite of testing rooms containing a full Oktal driving simulator – a car body surrounded by viewing screens that immerse drivers in a 300-degree wrap-around virtual reality driving environment and a Mikrolar moving base platform that affords six-degrees of freedom motion.

The simulator can be programmed to produce a variety of different driving environments and weather conditions. It can also be programmed to emulate different types of autonomous vehicles. The simulator monitors many aspects of driving performance, steering, speed and hazard response. It is augmented by a 12-camera VICON motion capture system and electromyography which permits measurement of devices used in the vehicle.

On Wednesday, **December 4th, 2019 from 10:00am to 11:30am** we will be hosting an workshop in **Thornbrough Room 1311** where the capabilities of the simulator will be showcased and research opportunities will be discussed.

For additional information and to RSVP, please visit uoguel.ph/drivelabevent [1]
Alert Classifications**Category:**
Workshops and Events

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Links
[1] http://uoguel.ph/drivelabevent