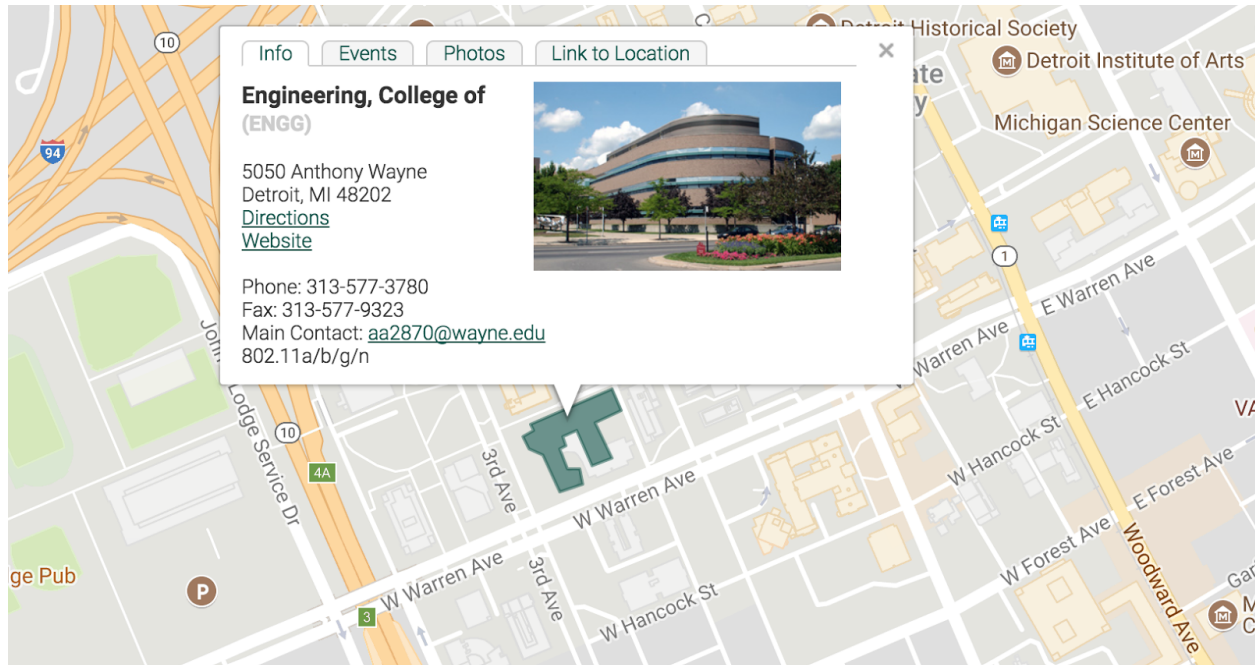


MetroCAD 2018

The 1st **Metro** Detroit Area Workshop on **Connected and Autonomous Driving**
Feb. 28, 2018, EDC Auditorium, 5050 Anthony Wayne Drive, Detroit, MI 48202

- 7:30am - 8:00am Breakfast and registration
- 8:00am - 8:10am **Opening**, Dr. Weisong Shi (Director of the CAR Lab)
- 8:10am - 8:30am **Welcome remarks**, Dr. Farshad Fotouhi (Dean of Engineering)
- 8:30am - 9:15am **Keynote I**, Dr. Shaoshan Liu (Co-Founder and President, PerceptIn)
Title: ***Creating Affordable and Reliable Autonomous Vehicle Systems***
- 9:15am - 10:00am **Keynote II**, Dr. Jianbo Lu (Technical Expert and Group Leader, Ford)
Title: ***Vehicle Intelligentification: An Industry Point of View***
- 10:00am -10:30am Break
- 10:30am - 11:15am **Keynote III**, Dr. Xin Chen (Director, HERE Technologies)
Title: ***HD Live Maps for Automated Driving: An AI Approach***
- 11:15am - 11:45pm Ted Nichols (Senior Enterprise Architect, Volkswagen Group of America)
Title: ***Connected Vehicle As An IoT Device***
- 11:45pm -12:15pm Dr. Stephen Remias (Track Lead of Smart Transportation)
Title: ***Leveraging Connected Infrastructure to Improve Transportation Decision Making***
- 12:15pm - 1:15pm Lunch
- 1:30pm - 2:30pm Panel (Moderator, Weisong Shi)
Opportunities and Challenges of Connected and Autonomous Driving
Panelists: Collin Castle (MDOT), Shaoshan Liu (PerceptIn), Xin Chen (HERE), Jianbo Lu (Ford), Vicky Rad (Macomb County), Mark de la Vergne (City of Detroit)
- 2:30pm - 2:50pm Dr. Ming Dong (Director, Machine Vision and Pattern Recognition Lab)
Title: ***Driver Age Estimation through Deep Learning for Autonomous Safety***
- 2:50pm - 3:10pm Dr. Nathan Fisher (Director, Real Time Systems Lab)
Title: ***A Case for an Autonomous Battery Operating System***
- 3:10pm - 3:40pm Break
- 3:40pm - 4:00pm Dr. Fengwei Zhang (Director, Computer and Systems Security Lab)
Title: ***Auditing and Advancing the Cyber Security of Traffic Signal Systems***
- 4:00pm - 4:20pm Dr. Jibo He (Director, Human Automation Interaction Lab, Wichita State Univ.)
Title: ***Human Factors in the Coming Age of Driverless Vehicle***
- 4:20pm - 5:00pm **Poster Session and Social**

Map



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