

## Workshop on Autonomous Vehicles in Society: Building a Research Agenda Michigan State University, Henry Center, May 18-19, 2018

The goal of this workshop is to produce an agenda for research on the social, economic and policy implications of autonomous vehicles and to propose infrastructure (e.g., a data clearinghouse) to support that research. This is the first in a series of workshops sponsored by the NSF Research Collaboration Network on *Work in the Age of Intelligent Machines* (NSF IIS-1745463). It is co-sponsored by the MSU Center for Business and Social Analytics, in cooperation with the Institute for Public Policy and Social Research and the School of Planning, Design and Construction. We will bring together participants from diverse perspectives (e.g., business, government, geography, history, psychology, computer science, urban planning and more) to identify research themes related to the social, economic and policy aspects of this rapidly emerging technology.

### Thursday May 17

6:00 Dinner for early arrivals @ Henry Center (out of town guests only)

### Friday May 18

7:30 Continental Breakfast available @ Henry Center

8:30 **Welcome:** Satish Udpa, Executive Vice President for Administrative Services and University Distinguished Professor

**Introduction:** Kevin Crowston, Syracuse University. Co-PI, *Work in the Age of Intelligent Machines*

**Overview of Agenda:** Brian Pentland, Director, MSU Center for Business and Social Analytics

**Keynote:** Tom Mayor, KPMG Principal, U.S. Industrial Manufacturing Strategy and Transformation leader

10:00 Autonomous Vehicle Demonstration

11:00 Panel: Visions of an autonomous future, Part 1  
Moderator: Jennifer Dukarski, Butzel Long

- Ed Straub, American Center for Mobility
- Melissa Cefkin, Nissan
- Garry Bulluck, City of Detroit
- Jack Stilgoe, University College London

- 12:00 Lunch @ Henry Center
- *Posters available for viewing & discussion*
- 1:00 POSTERS AND QUESTIONS: Sorting themes for breakout discussion
- 2:00 **Keynote:** Daniel Sui, Director, Division of Social and Economic Sciences, National Science Foundation
- 2:30 Kirk Steudle, Director, Michigan DOT
- 2:45 Panel: Visions of an autonomous future, Part 2  
Moderator: Arnold Weinfeld, Institute for Public Policy and Social Research
- Diane Bailey, UT Austin School of Information
  - Erik Stayton, MIT Science Technology and Society
  - Shan Bao, UM Transportation Research Institute
  - John King, University of Michigan School of Information
- 3:45 Breakout group selection (and break)
- 4:00 Breakout groups: Research Questions
- *What are the main research questions?*
  - *Why are these questions important?*
- 6:30 Dinner @ Henry Center

### **Saturday May 19**

- 7:30 Continental Breakfast available @ Henry Center
- 8:30 Breakout groups: Implementing a research agenda
- *What infrastructure/data would be needed to carry out this research?*
  - *Who is the audience for this research?*
  - *Who would support this research?*
- 10:30 Plenary discussion
- *Report from the breakout groups*
  - *Next steps...*
- 12:00 Lunch @ Henry Center
- 1:00 Wrap-up