



# Heartland ITS Pulse

## 2017 Annual Meeting Updates and Membership Renewal

The YAPP APP for the Annual Meeting is now available and will be updated as meeting updates become available! ITS Heartland is working towards going "green", and will be using the YAPP APP to replace a lot of paper. Download the YAPP APP now to stay informed and **receive an extra drink ticket for the 2017 Monday Night Social Event** if you download the YAPP APP:

- Download Yapp from your App store
- Yapp ID: ITSH2017

For any and ALL updates regarding the 2017 Annual Meeting in Wichita please also see the link to the [Annual Meeting page](#)!!!!

Reminder that the submittal deadline for the [Call for Abstracts](#) is approaching fast: Monday, January 9th, 2017!

### Membership Renewal

It is that time of the year to renew your memberships!

The success of our chapter is dependent on your involvement and membership. Renew your membership

### Pittsburgh is Pushing to Become a Smart Traffic City



The city of Pittsburgh, PA, is adopting [smart city technology](#) with the use of enhanced traffic signals and driverless cars. The city has made this possible with a \$10.9 million grant from the USDOT and partnerships with Carnegie Mellon University and Uber.

### USDOT is Accepting Applications for FASTLANE Grants



The US Department of Transportation is calling for applications for up to \$850 million in [FASTLANE](#) grants. The purpose of the funding is to improve highway and freight projects across the

involvement and membership. Renew your membership for 2017 today!! Costs for membership are the same as last year. Memberships levels, benefits and more information can be [viewed here](#).

## Webinars

### [Latest Developments in Derivation and Testing of the Arterial Multimodal Performance Measures](#)

**Wednesday, December 7, 2016 at 12:00 PM - 1:00 PM CT**

This webinar will feature two student presentations from the Florida Atlantic University (FAU). The first presentation will focus on building of the Hardware-in-the-loop simulation test lab for investigation of the high-resolution logging capabilities of six different traffic signal controllers. The second presentation will describe FAU's recent efforts to investigate the use of crowd-monitoring and video feature extraction technologies.

### [Transportation Systems Management and Operations \(TSMO\) Program Plan Development Roundtable](#)

**Tuesday, December 13, 2016 at 9:00 AM - 11:00 AM CT**

Transportation systems management and operations (TSMO) - refers to multimodal transportation strategies to maximize the efficiency, safety, and utility of existing and planned transportation infrastructure. Strategies including but not limited to: Traffic incident management, signal coordination, freeway management, transit signal priority, bus rapid transit, freight management, work zone management, special events, and road weather management.

country. The deadline for applications is December 15.

### **Researchers Can Now Access Autonomous Cars Through The University of Michigan**



The University of Michigan is now offering a vehicle with [connected and autonomous capabilities](#) for those who wish to study the technology further. The vehicle is equipped with lidar, radar, cameras and other features, and additional devices can be swapped in and out with ease. The openness of the project should speed up innovation.



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Contact the ITS Heartland Board President at [Tom.Hein@ks.gov](mailto:Tom.Hein@ks.gov)

Contact the Pulse editor at [austin.yates@nebraska.gov](mailto:austin.yates@nebraska.gov)

Visit the ITS Heartland website at [www.itsheartland.org](http://www.itsheartland.org)

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ITS Heartland  
1751 Madison Avenue, Suite 750  
Council Bluffs, Iowa 51503  
US

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