



Heartland ITS Pulse

Register Now for the 2016 Annual Meeting!

Only 58 days until the Annual Meeting in Des Moines, Iowa! Rooms are filling fast, presenters are preparing vigorously for their presentations and vendors are planning their booths! Register now!

Here are some of the presentation titles on the [agenda](#) planned for the Annual Meeting:

- Connected Vehicle Environmental Applications via Cellular Network: Challenges with Latency.
- MoDOT Rural Queue and Delay Warning System.
- Travel Time Connectivity in Dynamic Messaging.
- Traffic Incident Management - Connected Vehicle Considerations and National Responder Training Update.

Board Nominations

ITS Heartland is seeking nominations for Board of Director positions. Each open position is elected for a one or two-year term beginning at the close of the Annual Meeting! Nominations will be accepted until

Student Competition!



Students can win \$500, \$300 and \$200 for the top three chosen winners as part of the [ITS Heartland Student Competition](#). Students are invited to present on their current or desired ITS research topic at a poster session on Tuesday, April 26, 2016. Students are also invited to participate in the conference and will not be charged an admission fee!

ITS ePrimer Professional Resource



Welcome to the [ITS ePrimer](#)! The ePrimer provides professionals in

Monday, March 7th! Please submit nominations to Amy at alucke@meetingsnorthwest.com.

Board position descriptions can be found in the [Chapter Bylaws](#). The following positions are open:

- Vice President (1-year)
- Secretary (1-year)
- Treasurer (2-year)
- Consultant Sector Director #1 (2-year)
- Academic Director #2 (2-year)
- Iowa State Director (2-year)
- Nebraska State Director (2-year)
- Oklahoma State Director (2-year)

Upcoming ITS Heartland Professional Workshop

[Connected Vehicle 102 in Lees Summit, Missouri](#)

Thursday, March 31, 2016 at 9:00 AM - 3:00 PM

MoDOT/KC Scout Building, Lees Summit, Missouri

The US DOT's Joint Program Office is offering Connected Vehicle workshops across the country. The instructor-led workshop will describe future vehicle-to-vehicle and vehicle-to-infrastructure applications. Identifying regional and local challenges, determining the types of data to collect and establishing communication and physical security will be discussed. Register and attend at the link!

Webinars

[Fundamental Concepts Related to ITS Technology:](#)

Wednesday, March 9, 2016 at 1:00 - 2:30 PM CT

Intelligent Transportation Systems apply a variety of technologies to monitor, evaluate and manage transportation systems to enhance efficiency and safety. This webinar will introduce these concepts and provide an overview of the content and structure of the ITS ePrimer and the dynamic nature of the document.

transportation with fundamental practices and concepts related to ITS technologies. Read through the ePrimer modules as this is a great resource for ITS professionals!

Car Sharing Will Not Be as Disrupting as Self-Driving Cars



The growth of car-sharing services will erode traditional manufacturers' vehicle sales and revenues through 2021 but will not be as disruptive to the market as the [rise of self-driving cars](#) later in the decade. In the long run, autonomous vehicles will have a much greater impact on new car sales than car sharing will.

UK Project to Simulate Autonomous Fleets in the Cloud



A UK project will focus on using cloud simulations to help [optimize the efficiency of future fleets](#) of autonomous vehicles. Research so far has been focused on the technical problem of removing the drivers. This project will fill a

Emerging Opportunities and Connected Vehicles:

Wednesday, March 23, 2016 at 1:00 - 2:30 PM CT

This webinar will explore many of the emerging technologies and opportunities in the world of ITS including connected vehicles. It will also explore the anticipated changes to current practices and infrastructure requirements. Systems management and infrastructure will be a focus with vehicle-to-vehicle and vehicle-to-roadway communication.

Decision Support Systems:

Monday, February 29, 2016 at 12:00 - 1:30 PM CT

This webinar will focus on the need for developing tools and methods to support offline and real-time planning and operation decisions associated with the Transportation System Management and Operations program. The tools will address system performance, dashboards, benefit cost estimation and the assessment of construction zone impacts.

much needed gap regarding how to optimize the vehicles on a large scale to ensure the promise of great efficiency is achieved.



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Contact the Pulse editor at Matthew.McLaughlin@hdrinc.com

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