The Kiewit Center for Infrastructure & Transportation

The Third Revolution of Mobility: Connected, Autonomous, Shared, Electric Vehicles & Big Data

“How the Third Revolution will impact Oregon Communities: both small and mid-sized”

What do these changes in the transportation industry mean to us as practitioners, and how will they—or should they—be deployed in both the urban and rural context?

ABOUT
The transportation industry is undergoing a massive revolution in the way that people make their mobility choices. The convergence of new business models and new technologies in areas of Connected, Autonomous, Shared and Electric vehicles are poised to drastically impact the way that people get from here to there.

Transportation, as we currently know it, will be transformed by the emergence of big data. The webinar will present an overview of ITS applications that will impact small and mid-size Oregon communities. The big data is set to transform emergency planning and operations, freight logistics and air quality. Case Studies from Oregon communities will showcase current and potential applications.

LEARNING OBJECTIVES
At the completion of the webinar participants will have increased understanding of:

- Basic understanding of the new modes and business models of mobility, and their impact on transportation planning and operations
- Basic ITS Architecture and Applications for small and mid-sized communities
- Big Data: What it is, Data sources, and data application tools
- Benefits of applying Big Data to solve challenges in small and mid-sized Oregon communities such as emergency evacuation, congestion management and air quality

WHO SHOULD ATTEND?
The webinar is designed for public works, planning and transportation professionals and technicians, elected officials, and the curious citizens.

COURSE LOCATION
Webinar format using Zoom

INSTRUCTIONAL STAFF
Adrian Pearmine, National Director for Smart Cities and Connected Vehicles, DKS Associates

SCHEDULE
Wednesday, January 6, 2021
8:30 am – 12:00 pm.
A detailed agenda will be distributed prior to the course date.

ENROLLMENT
Register and submit the course fee online. Make checks payable to The Kiewit Center and submit at least one week prior to the class. Zoom credentials will be provided after registration. If a registration must be canceled, a full refund can be made only if a notice of withdrawal is received at least one week prior to the course starting date. A fee of one-half of the course tuition will be charged for cancellations after that period. Substitute attendees are encouraged.

Wednesday
January 6, 2021
Webinar via Zoom

$35
3.5 PDH

Register Online
cce.oregonstate.edu/traffic-safety-workshops

This publication will be made available in accessible formats upon request. Please call 541-737-4273 for information.
The Third Revolution of Mobility: Connected, Autonomous, Shared, Electric Vehicles & Big Data

January 6, 2021

Sponsored by

The Kiewit Center
for Infrastructure & Transportation
at OSU

and

Oregon Traffic Safety Division
Oregon Department of Transportation

Make checks payable to:
The Kiewit Center
Mail to:
The Kiewit Center, OSU
101 Kearney Hall
Corvallis, OR 97331
Attn: Traffic Safety Workshops

email: emily.phillips@oregonstate.edu