



Lake County
October 12, 2018

Clermont City Center
620 W Montrose St
Clermont, FL 34711

“Future of Transportation”
AGENDA – draft

October 12, 2018

- 7:15 a.m. Registration**
- 8:00 a.m. – 8:45 a.m. Key Note speaker – The Ray**
Learn how The Ray is a proving ground for the evolving ideas and technologies that will transform the transportation infrastructure of the future, and it starts on 18 miles of West Georgia’s I-85, and the land and communities surrounding it.
- 8:45 a.m. – 9:15 a.m. FDOT/CFX/Lake County Panel**
Hear how FDOT, CFX and Lake County are working together to improve regional connectivity and enhance quality of life for Lake County residents.
- 9:15 a.m. – 9:45 a.m. Beyond Mobility: Innovations in Photovoltaic Energy**
The University of Central Florida is testing new applications for photovoltaic energy that have the potential to produce the energy needed to power our roadways.
- 9:45 a.m. – 10:15 a.m. Driverless car project**
The three-year research and development project explored the barriers to the adoption of connected and autonomous vehicles (CAVs) in the UK and how best they could be overcome.
- 10:15 a.m. – 10:40 a.m. Break**
- 10:40 a.m. – 11:10 a.m. Carsharing and ridesharing**
Travel smarter, by creating sustainable solutions that help reduce our carbon footprint. Reducing traffic congestion, lower CO2 carbon emissions and support charitable and environmental causes
- 11:10 a.m. – 11:30 a.m. CONSOLID nanotechnology**
Recent innovations in materials science could change the way we design roads, from the current three layer system of stabilized subbase/aggregate base/asphalt model to a resilient, chemically stabilized base, multiple times stronger than limerock and has hydrophobic properties. Recent testing on Florida soils using CONSOLID nanotechnology, combined with test plots and physical demonstrations, show that change may be coming sooner than you think.
- 11:30 a.m.– 12:00 p.m. LiDAR technology Innovation**
Discover how Luminar Technology has rebuilt LiDAR from the chip-level up to meet autonomous performance and safety requirements. It is the first to deliver what the industry has been waiting for — and it’s finally at scale.
- 12:00 p.m. – 12:30 p.m. Hololens**
See how CDM Smith is using next generation technologies like this will revolutionize our industry by allowing all stakeholders to visualize, communicate and collaborate together in the design and construction process in a more experiential and transparent process