



October 12, 2018
Clermont City Center
620 W Montrose St
Clermont, FL 34711

“Future of Transportation Summit”

AGENDA

October 12, 2018

- 7:15 a.m. **Registration / Breakfast**
- 8:00 a.m. – **Welcome Remarks – City of Clermont Mayor Gail Ash**
8:45 a.m. **Key Note**
Allie Kelley, Executive Director - 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. – **FDOT/CFX/Lake County Panel**
9:15 a.m. **Jeremy Dilmore, P.E., TSM&O Manager, FDOT/Corey Quinn, P.E., CTO, CFX/Fred Schneider, P.E. Lake County Engineer**
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. – **LiDAR technology Innovation**
9:45 a.m. **Scott Farris, Chief Business Officer**
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.
- 9:45 a.m. – **Driverless Car Project**
10:15 a.m. **Lee Woodcock, Global Director, Intelligent Mobility – Atkins**
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. – **Break**
10:40 a.m. **Beyond Mobility: Innovations in Photovoltaic Energy**
10:40 a.m. – **John Sherwin, Senior Research Engineer – Florida Solar Energy Center, UCF**
11:10 a.m. 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.
- 11:10 a.m. – **CONSOLID Nanotechnology**
11:30 a.m. **Larry Madrid, Founder – Madrid Engineering Group, Inc.**
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 limestone 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. – **Hololens**
12:00 p.m. **Scott Aldridge, Senior Manager – Disruptive Innovations**
See how CDM Smith is using next generation technologies like this will revolutionize our industry by allowing all stakeholders to visualize, communicate and collaborate in the design and construction process in a more experiential and transparent process
- 12:00 p.m. – **Carsharing and Ridesharing**
12:30 p.m. **Mark Feltham, Founder – Rideflag Technologies**
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.