

Last Week In Innovative Mobility

December 31, 2018 - January 6, 2019

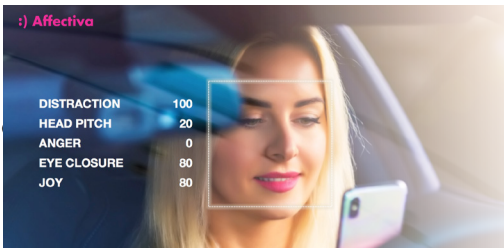


RIDESOURCING/TNCS

As of January 1, 2019, China requires drivers on ridesourcing/TNC apps to operate with two licenses: one for drivers and one for the vehicles they drive. Under the new rules, drivers can still work as independent contractors; however, the new rules effectively lock out casual part-time drivers. Didi Chuxing, China's largest ridesourcing company, reported in October 2017 that half of their drivers worked less than two hours per day.

COURIER NETWORK SERVICES

Cruise Automation, a subsidiary of GM, partners with food delivery company DoorDash to test delivery with automated vehicles. The test program, which will take place in San Francisco, will use automated Chevrolet Bolts to deliver meals and grocery items to selected DoorDash customers. Each vehicle will have a safety driver present to take control in case of an emergency.



AUTOMATED VEHICLES

Aptiv partners with Affectiva to develop interior sensing systems for monitoring vehicle occupants. Aptiv, an automotive technology firm, wants automated vehicles to be able to track passengers' emotional and cognitive states. Affectiva's software uses non-verbal cues like facial expression, body language, and tone of voice to identify people's moods.

COURIER NETWORK SERVICES

PepsiCo announces plans to deploy snack-carrying robots on the University of Pacific's campus in California. Between 9am and 5pm, students will be able to place orders on a smartphone app and choose a delivery location from select locations on campus. The robots can travel 20 miles on a single charge and have headlights and a camera.



COURIER NETWORK SERVICES

Segway-Ninebot announces new designs for an electric scooter and an autonomous delivery robot. The electric scooter, Shared Scooter Model Max, is designed for shared use and to reduce maintenance costs. The delivery robot, Loomo Delivery, is designed to deliver goods in shopping malls and office buildings. Both products are expected to reach market later this year.

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Innovative Mobility Research (IMR) focuses on the future of mobility and is based at the Transportation Sustainability Research Center at the University of California, Berkeley