

LAST WEEK IN INNOVATIVE MOBILITY

March 6th - March 12th, 2017



VEHICLES

An automated shuttle pilot program launches at the Bishop Ranch business park in San Ramon, CA. Two 12-passenger automated shuttles made by the French company EasyMile will travel on a defined route at a maximum speed of 12 MPH to transport employees between buildings at Bishop Ranch. The shuttles are expected to operate on public streets surrounding Bishop Ranch by the end of the year.

COURIER NETWORK SERVICES

Food delivery startup Postmates deploys delivery robots on the sidewalks of Washington D.C. Created by Starship Technologies, the robots transport food in a container that is unlocked by a dynamic passcode communicated to customers via text message. The robots move at a maximum speed of four mph and are equipped with sensors to detect potential obstacles. The robots are being tested among a select number of Postmates users in D.C.



VEHICLES

UC Berkeley's Partners for Advanced Transportation Technology demonstrates cooperative adaptive cruise control with a platoon of three partially automated Volvo trucks on Interstate 110. The trucks were equipped with sensors and vehicle-to-vehicle communication technology to maintain the speed and spacing of the platoon. The demo simulated real-world traffic, with cars merging in and out of the space between the platooning trucks.

VEHICLES

The California DMV files a proposal for new automated vehicle (AV) regulations that would allow manufacturers to operate AVs remotely, with no human present in the driver seat. Under the proposed regulations, automakers would need to submit a Law Enforcement Interaction Plan to prepare officers and first responders to take control of the AV in an emergency. Additionally, automakers would be banned from charging customers for rides in test vehicles.



BIKESHARING

Spin, a San Francisco-based private bikesharing company, launches in Austin, Texas. Spin plans to deploy 300 to 500 bicycles in the city with no docking stations. Users unlock the bicycles by scanning a QR code on the bike's U-Lock using their mobile phone and are charged a fare of one dollar per half hour via a smartphone app. The app also provides a map of available bicycles throughout the city.

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Innovative Mobility Research (IMR) is based at the Transportation Sustainability Research Center (TSRC) at the University of California, Berkeley