ABSTRACT

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Intelligent Parking Lot System for Autonomous Vehicles

In metropolitan cities, parking is a major challenging issue for the driver to find a space to park so we need better parking management. An efficient parking system is required to avoid parking issues from developing which may eventually lead to traffic congestion. Current smart parking systems generally use cameras, IR Sensors, and Ultrasonic Sensors to manage parking spaces. A smarter system is needed that can intelligently manage crowds to optimize factors like entry and exit time. In this talk, we would like to discuss on the implementation of IoT technologies to not only manage the parking system but also map the indoor parking lots to locate empty parking spaces.