

# Technology, AFCIDUD Spine, Info City of French Chinese Cooperation in ??

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Afcidud 20170425

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## 无人驾驶汽车概念

无人驾驶汽车是一种智能汽车，也可以称之为轮式移动机器人，主要依靠车内的以计算机系统为主的智能驾驶仪来实现无人驾驶。

无人驾驶技术是多个技术的集成，包括传感器、定位与深度学习、高精地图、路径规划、障碍物检测与规避、机械控制、系统集成与优化、能耗与散热管理等等。

**Autonomous Driving**  
Google's modified Toyota Prius uses an array of sensors to navigate public roads without a human driver. Other components, not shown, include a GPS receiver and an inertial measurement sensor.

**Lidar**  
A rotating sensor on the roof scans more than 200 feet in all directions to create an accurate three-dimensional map of the car's surroundings.



**Positioning system**  
A sensor inserted on the left rear wheel measures small movements of the car and helps to accurately locate its position on the map.



新型智慧城市发展研究院

(上到下分别是关门、开始、开门)

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