**Title:** “The Role of Communication Technologies in Connected and Automated Vehicles”

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**Abstract:** In order to solve the driven security, traffic management, energy and pollution problems, we need the connected and automated vehicles in China. And China will be a big market, from the customer view and industry view. We would like to give a brief introduction of the current status of connected and automated vehicles using communication technologies in China, including V2V technologies and system developments. Also we will introduce the role of research institute, car manufacturer, service provider and internet companies in promoting connected and automated vehicles. Then we will talk about the communication requirements for the future development of connected and automated vehicles, and the cooperative development between connected vehicles, automated vehicles and the 5th generation mobile communication technologies.