



DEPARTMENT OF CIVIL ENGINEERING

SEMINAR

Apollo Go: Driving the Future with Innovation

Dr. Fan ZHU & Mr SU Feifei
Baidu Apollo International

Date: June 18, 2025 (Wednesday)

Time: 3:00 p.m. - 4:00 p.m.

Venue: Room 612B, 6/F Haking Wong Building, The University of Hong Kong

Abstract

Baidu Apollo's robotaxi marks a significant step in the advancement of autonomous driving and intelligent mobility. The seminar aims to provide an overview of how autonomous driving is becoming integrated into daily life and its potential to enhance transportation systems. The progress and vision behind Apollo Go's robotaxi service, along with the technologies supporting its development, will also be introduced. The discussion will also highlight future trends in autonomous vehicle technology and Baidu Apollo's globalization strategy, with Hong Kong identified as one of the first international destinations. By sharing these developments, Baidu Apollo seeks to encourage thoughtful conversation about the role of innovation in shaping the future of urban transportation and the ways these advancements could benefit communities in Hong Kong and beyond.

About the Speakers

Dr. Fan ZHU is the Principal Architect of Baidu's Intelligent Driving Group (IDG). With over a decade of experience in artificial intelligence and autonomous driving, he brings extensive research and project expertise to the field. After earned both his master's and PhD degrees from the University of Edinburgh, UK, he completing his postdoctoral fellowship at the University of Michigan. In 2015, he joined Baidu's US division and became a founding member of Baidu IDG. Fan has published more than 20 papers in prestigious journals such as Nature Methods, Nature Communications, and Bioinformatics. Additionally, he holds over 170 US patents and more than 110 patents granted in China.

SU Feifei is Baidu Apollo's Senior Product Manager and Technology Evangelist. SU is a Master graduate from Flinders University, Australia, a member of the Data Systems and Simulation Committee of the China Simulation Federation, as well as a member of the Artificial Intelligence and Robotics Committee of the China Education Development Strategy Society. He serves as an external innovation mentor at several universities, including Beijing Institute of Technology, Jilin University, University of Science and Technology Beijing, Yanshan University etc.. SU is also an external Masters Degree supervisor at Beijing Technology and Business University and Chongqing University of Arts and Sciences. Currently, SU is mainly responsible for building the developer ecosystem for Baidu Apollo's Autonomous Driving Open Platform. He has participated in the compilation of several teaching materials, including "Data Communication and Network Technology", "Robot Operating System", "Introduction to Intelligent Connected Vehicles", "Intelligent Connected Vehicle Perception Technology" and "Intelligent Connected Vehicle Integration and Testing".

- ALL ARE WELCOME -