

Title: AI and Edge Computing (EC) for Smart City

Abstract: Edge computing, a key part of the up-to-date mobile networks technologies, promises to distribute cloud applications while providing more bandwidth and reducing latencies. In this talk, I will introduce the eco-system of AI techniques combined with edge computing for the applications of smart city and the key issues to make the AI working with EC.

Bio:

Weijia Jia is currently a Chair Professor, Director of BNU-UIC Institute of Artificial Intelligence and Future Networks, Beijing Normal University (Zhuhai) and VP for Research of United International College. He has been the Chair Professor and the Deputy Director of State Key Laboratory of Internet of Things for Smart City at the University of Macau and the Zhiyuan Chair Professor at Shanghai Jiaotong University, China. He received BSc/MSc from Central South University, China in 82/84 and Master of Applied Sci./PhD from Polytechnic Faculty of Mons, Belgium in 92/93, respectively, all in computer science. For 93-95, he joined German National Research Center for Information Science (GMD) in Bonn (St. Augustine) as a research fellow. From 95-13, he worked in City University of Hong Kong as a professor. His contributions have been recognized as optimal network routing and deployment; vertex cover; anycast and QoS routing, and sensors networking; knowledge relation extractions; NLP and edge computing. He has over 500 publications in the prestige international journals/conferences and research books and book chapters. He has received the best product awards from the International Science & Tech. Expo (Shenzhen) in 2011/2012 and the 1st Prize of Scientific Research Awards from the Ministry of Education of China in 2017 (list 2). He has served as area editor for various prestige international journals, chair and PC member/keynote speaker for many top international conferences. He is the Fellow of IEEE and the Distinguished Member of CCF.