

27 июня 2016
12:00, аудитория 207/2 Е

Professor Yangzhou Chen
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выступит с докладом на тему:

**«Modeling, State Estimation and Signal Control of Traffic
Networks based on Dynamic Graph Hybrid Automata»**

Abstract: In this talk, we will first propose a modeling method called Dynamic Graph Hybrid Automata, then combine it with traffic flow theory to model network-wide traffic flow. Based on the model, we also discuss traffic state estimation problem and signal control problem by an example of Beijing ring road network.

Yangzhou Chen received the Ph.D. degree in 1994 from the St. Petersburg University, Russia. From 1996 to 1998, he held a postdoctoral position at the School of Astronautics, Harbin Institute of Technology, China. He then joined Beijing University of Technology (BJUT) in 1998. From 1998 to 2014 he was a professor with the College of Electronic Information and Control Engineering of BJUT. In 2005, he was a visiting professor with the Department of Electrical and Computer Engineering at the University of Toronto, Canada. In June 2014 He joined the newly formed College of Metropolitan Transportation of BJUT. Now he is the head of the Intelligent Transportation Department. His present research interests include hybrid and network dynamic systems, cooperative control of multiple vehicles, information processing and control in intelligent transportation systems.

Приглашаются все желающие!