



The 32nd Chinese Control Conference

Plenary Panel Session 2 on

What young control scholars are doing and thinking?

(与 80 后控制学者对谈)

Chair: Professor Huang Jie, the Chinese University of Hong Kong, China

Panelists:

Dr. Cai Guowei, Assistant professor, Khalifa University, UAE

Dr. Li Tao, Assistant Professor, Academy of Mathematics and Systems Science, CAS, China

Dr. Liu Lu, Assistant Professor, City University of Hong Kong, China

Dr. You Keyou, Lecturer, Tsinghua University, China

Dr. Zhou Bin, Associate Professor, Harbin Institute of Technology, China

CCC'13 proudly presents the plenary panel session on what young control scholars are doing and thinking. We are honored to be able to invite five excellent young scholars at home and abroad in the field of control to be the panelists, all of them were born in 1980s. Young researchers offer hope to the future of control science. From this angle, what they are doing and thinking matters. This plenary panel session aims to spotlight their real researching life and opinions of career plan. During the session, panel members will share their special individual experiences and visions with audience through effective face-to-face dialogues.

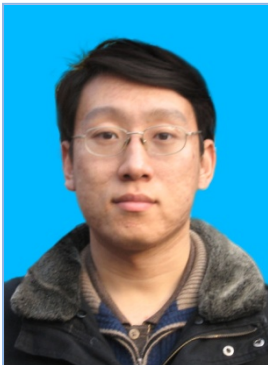
This panel consists of five excellent young scholars in the field of control. They include:



Cai Guowei is an assistant professor of Aerospace Engineering and Robotics Institute at Khalifa University. He received his B.E. degree in electrical and electronics engineering from Tianjin University, Tianjin, China, in 2002, and his Ph.D. degree in electrical and computer engineering from National University of Singapore, Singapore, in 2009. From 2008 to 2009, he was a research fellow in the

Department of Electrical and Computer Engineering, National University of Singapore, Singapore. From 2009 to August 2012, he was a research scientist in Temasek Laboratories, National University of Singapore. Since August 2012, he has joined Khalifa University of Science Technology & Research as an assistant professor.

His research interests are in construction, flight dynamics modeling, automatic control, and cooperation of miniature unmanned aerial systems. He was a recipient of the Best Application Paper Prize at the 7th Asian Control Conference, Hong Kong, China (2009).



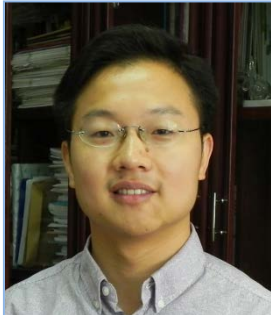
Li Tao was born in Tianjin, China, in September, 1981. He received the B.S. degree in automation from Nankai University, Tianjin, in 2004, and the Ph.D. degree in systems theory from the Academy of Mathematics and Systems Science (AMSS), Chinese Academy of Sciences (CAS), Beijing, China, in 2009. From 2008 to 2011, he held research positions in Nanyang Technological University. From September 2010 to January 2011, he was a Visiting Fellow of Australian National University. Since July 2009, he has been a faculty member of AMSS, CAS, where now he is an Assistant Professor. His current research interests include stochastic systems, networked control, multi-agent systems and sensor networks.

Dr. Li was mentioned as one of the five finalists for the Young Author Prize of the 17th IFAC World Congress, 2008. He received the Special President Prize of Chinese Academy of Sciences in 2009, the Best Paper Award of the 7th Asian Control Conference with coauthors in 2009, the 2009 Singapore Millennium Foundation Research Fellowship, and the 2010 Endeavour Research Fellowship from Australian government. He is a member of the Youth Innovation Promotion Association, CAS. Since 2010, he has been a program committee member of Chinese Control Conference.



Liu Lu received her Ph.D. degree in 2008 in the Department of Mechanical and Automation Engineering, Chinese University of Hong Kong, Hong Kong. From 2009 to 2012, she was an Assistant Professor in the Department of Information Physics and Computing, The University of Tokyo, Japan, and then a Lecturer in the Department of Mechanical, Materials and Manufacturing Engineering, The University of Nottingham, United Kingdom. She is currently an Assistant Professor in the Department of Mechanical and Biomedical Engineering, City University of

Hong Kong, Hong Kong. Her research interests are primarily in networked dynamical systems, control theory and applications and biomedical devices. She received the Best Paper Award (Guan Zhaozhi Award) in the 27th Chinese Control Conference in 2008.



You Keyou was born in Jiangxi Province, China, in 1985. He received the B.S. degree in statistical science from Sun Yat-sen (Zhongshan) University, Guangzhou, China, in 2007 and the Ph.D. degree in electrical and electronic engineering at Nanyang Technological University, Singapore, in 2012.

He was with the ARC Center for Complex Dynamic Systems and Control, the University of Newcastle, Australia, as a visiting scholar from May 2010 to July 2010, and with the Sensor Network Lab at Nanyang Technological University as a Research Fellow from June 2011 to June 2012. Since July 2012, he has been with the Department of Automation, Tsinghua University, China as a lecturer. His current research interests include control and estimation of networked systems, distributed control and estimation over complex networks, and sensor network.

Dr. You won the Guan Zhaozhi Best Paper Award at the 29th Chinese Control Conference, Beijing, China, in 2010.



Zhou Bin was born in Luotian County, Huanggang, Hubei Province, P. R. China on July 28, 1981. He received the Bachelor's degree, the Master's Degree and the Ph.D. degree from the Department of Control Science and Engineering at Harbin Institute of Technology, Harbin, China in 2004, 2006 and 2010, respectively. He was a Research Associate at the Department of Mechanical Engineering, University of Hong Kong from December 2007 to March 2008, a Visiting Fellow at the School of Computing and Mathematics, University of Western

Sydney from May 2009 to August 2009, and a Visiting Research Scientist at the Department of Electrical and Computer Engineering, University of Virginia from July 2012 to August 2013. In February 2009, he joined the School of Astronautics, Harbin Institute of Technology, where he has been an Associate Professor since December 2010.

His current research interests include constrained control, time-delay systems, nonlinear control, and control applications in astronautic engineering. In these areas, he has published about 100 papers, over 70 of which are in archival journals.

He is a reviewer for American Mathematical Review and is an active reviewer for a number of journals and conferences. He was selected as the “New Century Excellent Talents in University”, the Ministry of Education of China in 2011. He received the “The 5th China Youth Science and Technology Innovation Awards” in 2008 from China Communist Youth League, All-China Youth Federation, and All-China Students Federation, and the “National Excellent Doctoral Dissertation Award” in 2012 from the Academic Degrees Committee of the State Council and the Ministry of Education of P. R. China.