The 36ᵗʰ Chinese Control Conference

Plenary Speaker

Zong-Ben Xu received his PhD degree in Mathematics in 1987 from Xi`an Jiaotong University, China. In 1998, he was a postdoctoral Research Fellow in the Department of Mathematics, The University of Strathclyde. He worked as a Research Fellow in the Department of Computer Science and Engineering from 1992 to 1994, and 1996 to 1997, at The Chinese University of Hong Kong; a visiting professor in the University of Essex in 2001, and Napoli University in 2002. He has been with the School of Mathematics and Statistics, Xi`an Jiaotong University since 1982, where he served as a professor of mathematics and computer science, Dean of Sciences (1997-2003), and VP of the university (2003-2014). From 2007 on, he was appointed as a Chief Scientist of National Basic Research Program of China (973 Project), and the Principle Scientist of Beijing Research Center for Mathematical and Information Sciences.

Professor Xu currently makes several important services for government and professional societies, including Consultant Expert for National (973) Program in Key Basic Science Research and Development (Information group), Ministry of Science and Technology of China; Evaluation Committee Member for Mathematics Degree, Academic Degree Commission of the Chinese Council; Committee Member in Scientific Committee of Education Ministry of China (Mathematics and Physics Group); Director of the Teaching Guidance Committee for Mathematical Education in Universities, the Education Ministry of China; Chairman of the Expert Evaluation Committee for Natural Science Foundation of China (Applied Mathematics group); Editor-in-chief of the Textbooks on Information and Computational Sciences, Higher Education Press of China; Co-editor of more tan 10 international journals.

Professor Xu has published over 280 academic papers on nonlinear functional analysis, optimization, intelligent information processing and machine learning, most of which are in international journals. His current research interests include sparsity modeling, machine learning and big data research. Professor Xu holds the title "Owner of Chinese PhD Degree Having Outstanding Achievements" awarded by the Chinese State Education Commission (CSEC) and the Academic Degree Commission of the Chinese Council in 1991. He is owner of the National Natural Science Award of China in 2007，and winner of CSIAM Su Buchin Applied Mathematics Prize in 2008. He delivered a 45 minute talk at the International Congress of Mathematicians (ICM 2010) upon the invitation of the congress committee. He was elected as a member of ChineseAcademy of Science in 2011.