



### **Professor Ya-xiang Yuan**

Ya-xiang Yuan is a professor at the Academy of Mathematics and Systems Science, Chinese Academy of Sciences. He graduated from Xiangtan University in 1982 and obtained his Ph.D. from University of Cambridge in 1986.

He mainly works on numerical methods for nonlinear optimization, he has made outstanding contributions to trust region algorithms, quasi-Newton methods, nonlinear conjugate gradient methods and subspace methods. He was the president of Chinese Mathematical Society (2016-2019), the president of Operations Research Society of China (2004-2012). He gave a plenary lecture at the 4th International Conference on Industrial and Applied Mathematics in Edinburgh, UK (1999) and a 45 minute invited talk at the 27th International Congress of Mathematicians in Seoul, Korea (2014). He won numerous awards, including Shiing S. Chern Mathematics Award from Chinese Mathematical Society (2011), TWAS Prize in Mathematics (2014), Su Buqing Prize from China Society on Industrial and Applied Mathematics (2016), and SIAM Prize for Distinguished Service to the Profession (2017).

Currently he is the president of International Council for Industrial and Applied Mathematics. He is the editor-in-chief of "Science China: Mathematics", "Journal of the Operations Research Society of China", and associate editors of many international journals including "SIAM Review".

He is an academician of Chinese Academy of Sciences, Fellow of Society on Industrial and Applied Mathematics, Fellow of American Mathematical Society, Fellow of China Society on Industrial and Applied Mathematics, Fellow of the World Academy of Sciences and Corresponding Member of Brazilian Academy of Sciences, Fellow of IFORS, and Honorary Member of London Mathematical Society.