

## CURRICULUM VITAE of Ya-xiang YUAN

FAMILY NAME Yuan GIVEN NAME Ya-xiang  
DATE OF BIRTH 20th January 1960 NATIONALITY Chinese

### CURRENT POSITION AND ADDRESS:

Professor,  
State Key Laboratory of Scientific and Engineering Computing (LSEC)  
Institute of Computational Mathematics and Scientific/Engineering Computing (ICMSEC)  
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### EDUCATION

- B.Sc., Dept of Math., Xiangtan University, Hunan, China, March 1978 - February 1982.
- Graduate School of CAS, March - December 1982 (under late Prof. Kang FENG).
- Ph.D., Department of Applied Mathematics and Theoretical Physics, University of Cambridge, England, January 1983 - May 1986 (under Prof. M.J.D. POWELL, FRS).

### PREVIOUS POSITIONS

- Rutherford Research Fellow, Fitzwilliam College, University of Cambridge, England, from October 1985 to September 1988.
- Professor, Computing Center, CAS, Beijing, China, from November 1988 – February 1995.
- Director, LSEC, 1997-2005.
- Director, ICMSEC, Chinese Academy of Sciences, 1995-2006.
- Vice President, AMSS, Chinese Academy of Sciences, 1998-2006.

### ACADEMIC VISITING

- Department of Computer Science, University of Colorado at Boulder, U.S.A. from September 1990 to February 1991;
- Department of Electrical Engineering and Computer Science, Northwestern University, Illinois, U.S.A. from March 1991 to August 1991.
- Humboldt Fellow, Institute für Angewandte Mathematik und Statistik, Universität Würzburg, Germany, July 1992 to June 1993. (supported by Humboldt Foundation)
- Dept. Mathematics, Hong Kong Baptist College, January-May 1994.

- Dept of Mathematics, Federal University of Parana, Brazil, March-May 1997.
- Visiting Fellows of Fitzwilliam College and Clare Hall, University of Cambridge, England, UK, October 2007 to September 2008.
- Visiting Professor, Hong Kong Polytechnic University, January, 2009.
- Visiting Professor, Bayreuth University, Germany (invited by Humboldt Foundation), May to August, 2010.
- Visiting Professor, Rochester University, USA, Feb 1-29, 2012.

## PROFESSIONAL BODIES

- Editor-in-chief, *Science China: Mathematics*.
- Editor-in-chief, *Journal of the Operations Research Society of China*.
- Member of the editorial boards:  
*SIAM J. Optimization* (2007-2015), *Mathematics of Computation* (2010-2013),  
*Control, Optimisation and Calculus of Variations* (2003-2005), *Mathematics of Operations Research*, *Optimization Methods and Software*, *Optimization and Engineering*, *J. Scientific Computing*, *Computational & Applied Mathematics*,  
*SMAI J. Computational Mathematics*.
- Vice president of Chinese Mathematical Society, from 2000-2007.
- Vice president of Chinese SIAM, from 2000-2008.
- President of Chinese OR Society, from 2004 – 2012.
- President of Asia-Pacific OR Society, from 2010 – 2012.
- Vice President of International Federation of Operational Research Societies, 2013 – 2015.
- General Secretary, International Congress of Mathematicians (ICM-2002), Beijing, 2002.
- Organizing Committee, SIAM Optimization Conference, Stockholm, 2005.
- Scientific Committee, International Congress of Industrial and Applied Mathematics, Zurich, 2007.
- Scientific Committee, International Conference of the International Federation of Operations Research (IFORS), Sandton, Johannesburg, South Africa, 2008.
- Program Committee, 21st International Symposium on Mathematical Programming, Berlin, 2012.
- Scientific Committee, International Congress of Industrial and Applied Mathematics, Beijing, China, 2015
- Program Committee, ICCOPT-2016, Tokyo.
- Fellow, SIAM, 2011.

- Member, Chinese Academy of Sciences, 2011.
- Fellow, American Mathematical Society, 2012.
- Corresponding Fellow, Brazilian Academy of Sciences, 2014.
- Fellow, TWAS, 2015.
- President of Chinese Mathematical Society, 2016-2019.
- Vice President, China Association for Science and Technology, 2016-2021.

### MAJOR ACADEMIC AWARDS

- J.T. Knight Prize, University of Cambridge, England, 1983.
- L. Fox Prize, London, England, 1985.
- Second grade Natural Science Prize, the Chinese Academy of Sciences, 1989.
- Young Scientist Award of Chinese Academy of Sciences, 1993.
- “Feng Kang Prize of Scientific Computing”, 1995.
- Young Scientist Award of China, 1996.
- First Grade Prize, Beijing Science and Technology Advancement Award, 2004.
- Second Grade Prize, National Natural Science Award of China, 2006.
- Shiing S. Chern Mathematics Award, Chinese Mathematical Society, 2011
- TWAS Prize of Mathematics, 2014.
- Su Buqing Prize, China Society on Industrial and Applied Mathematics, 2016.
- Math. Prize of Sci. & Tech. Award of HO Leung HO Lee Foundation, 2016.

### INVITED LECTURES

- Plenary Lecture, the 4th International Congress on Industrial and Applied Mathematics (Edinburgh, UK, 1999)
- Invited Lecture, Asian Mathematical Conference (Malina, Philippines, 2000)
- Keynote Lecture, INFORMS International Conference, (Hong Kong, 2006).
- Roundtable Speaker, *Roundtable on Future of Numerical Analysis* (organized by Prof Gene Golub and Prof Nick Trefethen) at the ICIAM 2007 (Zurich, Switzerland)
- Semi-Plenary Talk, ICCOPT-2013, (Lisbon, Portugal, 2013)
- Invited Lecture, International Congress of Mathematicians (Seoul, Korea, 2014).
- Semi-Plenary Lecture, International Symposium on Mathematical Programming (Pittsburgh, USA, July 12-17, 2015, 2015)

### Publications

publications of Ya-xiang Yuan can be found at <http://lsec.cc.ac.cn/~yyx/worklist.html>