Tao Tang

Education

1989: Ph.D. in Applied Mathematics, University of Leeds, UK.

1984 B.Sc. in Mathematics, Peking University, China

Research Interests

Scientific Computing, Numerical Analysis

Fellowships

2024: Fellow of The World Academy of Sciences (TWAS)

2022: Fellow of the European Academy of Sciences (EurASc)

2017: Academician, Chinese Academy of Sciences

2017: Fellow, American Mathematical Society (AMS)

2012: Fellow, Society on Industrial and Applied Mathematics (SIAM)

2008-2010: President, Hong Kong Mathematical Society

2007-2008: President, East Asia SIAM Section

Honors

2018: Invited Lecture at ICM (International Congress of Mathematicians)

2016: National Natural Science Award (2nd class), China

2007: Natural Science for Tertiary Institutions (1st class), the Ministry of Education, China

2005: Changjiang Chair Professor, the Ministry of Education, China

2003: Feng Kang Prize for Scientific Computing, Chinese Society for Computational Mathematics, China

1988: Leslie Fox Prize for Numerical Analysis, The Institute of Mathematics and its Applications, UK

Highlight of Community Service

2020–22: Gauss Prize Committee, International Mathematical Union (ICM'22)

2020-23: Scientific Program Committee, International Congress for Industrial and Applied Math. (ICIAM'23)

2019– : Executive Committee Member, Chinese Mathematical Society

2018–22: Member, Fields Institute Scientific Advisory Panel, Canada

2018– : Vice President, Chinese Society for Computational Mathematics

2018-20: Panel Member of State Natural Science Award, China

2010-11: Member, Panel for the section of Numerical Analysis, ICIAM 2011

2010-11: Member, IMU Project Committee on "Exploring Journal Ranking and Electron Journals"

2009: Member of the Organizing Committee, SIAM Annual Meeting, UC San Diego, USA

2006-12: Member, SIAM Committee on Section Activities

2006: Member, Panel for the Section 15 (Numerical Analysis and Scientific Computing), ICM 2006.

2004-15 Council Member, Hong Kong Institute of Science

Academic Position

2019 – Chair Professor of Mathematics, Hong Kong Baptist University (HKBU)
       & Chair Professor, BNU-HKBU United International College, China

2015 – 2019: Chair Professor, Southern University of Science and Technology, China (SUSTech)

2005– 2008: Distinguished Visiting Professor, Chinese Academy of Sciences

2003 – 2017: Chair Professor of Mathematics, Hong Kong Baptist University

1998 – 2003: Associate Professor/Professor, Hong Kong Baptist University

1990 – 1998: Assistant Professor/Associate Professor, Simon Fraser University, Canada

Editorial Activities

2023–: SIAM Journal on Scientific Computing, (Associate Editor)

2020–: CSIAM Transactions for Applied Mathematics, (Associate Editor)

2018–: Science China Mathematics, (Associate Editor)

2017–: Numerical Mathematics: Theory, Methods and Applications (Editor-in-Chief)

2016-2019 : Numerical Algorithms (Associate Editor)

2016– : Analysis in Theory and Applications (Associate Editor)

2010-2018: Journal of Computational Mathematics (Associate Editor)

2006-2013: Mathematics of Computation (by American Math Society; Associate Editor)

2010-2018: East Asia Journal on Applied Mathematics (Managing Editor)

2006–: Communications in Computational Physics (Managing Editor)

2005–: Frontiers of Mathematics in China (Associate Editor-in-Chief)

2003– : Journal of Computational Physics (Associate Editor)

2000–: Journal of Scientific Computing (Editorial Member)

2002﹣2006: Communications in Mathematical Sciences (Associate Editor)

2002﹣2010: SIAM Journal on Numerical Analysis (Associate Editor)

2002﹣2008: Chinese Journal of Computational Physics (Associate Editor)

2001﹣2013: Computers & Fluids (Regional Editor)

<div align="center">Last updated: April 1, 2024</div>