

CURRICULUM VITAE OF ZUOWEI SHEN

Personal

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Education

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|--------------------------------|--------------|-----------|
| University of Alberta (Canada) | (Ph.D. 1991) | 1987-1991 |
| University of Alberta (Canada) | (M.Sc. 1987) | 1985-1987 |
| Hohai University (China) | (B.Sc. 1982) | 1978-1982 |

Professional Experience

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|---|---------------------|
| Tan Chin Tuan Centennial Professor National University of Singapore | 2013-present |
| Distinguished Professor National University of Singapore | 2009-2012 |
| Professor Department of Mathematics, National University of Singapore | 2002-present |
| Associate Professor-Senior Lecturer-Lecturer Department of Mathematics, National University of Singapore | 2002-1998-1997-1993 |
| Research Associate Center for the Mathematical Sciences University of Wisconsin-Madison | 1991-1993 |

Research Interests

Approximation and Wavelet Theory, Time-Frequency Analysis, Imaging Sciences

Awards and Honors

Elected AMS Fellow, American Mathematical Society, USA, (2017).
Highly Cited Researcher, Thomson Reuters, USA, (2016).
Wavelet Pioneer Award, Society of Photographic Instrumentation Engineers (SPIE), USA, (2012).
Inaugural Fellow, Singapore National Academy of Science, (2011).

Outstanding University Researcher Award, the National University of Singapore, (1997); (2008).

National Science Award of Singapore, Singapore, (1998).

Andrew Stewart Graduate Prize for Doctoral Research, the University of Alberta, Canada, (1991).

Selected Talks in Conferences

- Plenary Speaker, The Fifth Conference on Mathematical Image Analysis (MIA), January, 2018, Berlin, Germany.
- Plenary Speaker, Applied Inverse Problems, May, 2017, Hangzhou, China.
- Invited Speaker, the 8th International Congress on Industrial and Applied Mathematics (ICIAM), August, 2015, Beijing, China.
- Plenary Speaker, Asian Mathematical Conference, June, 2013, Busan, South Korean.
- Plenary Speaker, The 9th International Conference on Sampling Theory and Applications, May, 2011, Singapore.
- Invited Speaker, International Congress of Mathematicians (ICM), August, 2010 (Section: Numerical Analysis and Scientific Computing), Hyderabad, India.
- Plenary Speaker, The 11th Biannual Conference of the Chinese Society of Industrial and Applied Mathematics (CSIAM), July, 2010, Chongqing, China.

Member of Editorial Board

SIAM Journal on Mathematical Analysis, (2010–); SIAM Journal on Imaging Sciences, (2015–); Multiscale Modeling and Simulation: A SIAM Interdisciplinary Journal, (2009–); Mathematics of Computation, (2011–); Journal of Approximation Theory, (2001–); Applied and Computational Harmonic Analysis, (2007–); Journal of Fourier Analysis and Applications, (2007–); The Springer-Birkhauser Applied and Numerical Harmonic Analysis (ANHA) Book Series, 2010–); Inverse Problems and Imaging, (2009–); Journal of Computational Mathematics, (2007–); The Asian Journal of Mathematics, (2015–); East Asia Journal on Applied Mathematics, (2010–); Journal Math-for-Industry, (2012–).

Service

- Member, ICIAM Prize Committee for 2019, (ICIAM: the International Council for Industrial and Applied Mathematics).
- Member, Panel for the Section of Mathematics in Science and Technology, International Congress of Mathematician, 2014.
- Dean, Faculty of Science, National University of Singapore, 2014–.
- Head, Department of Mathematics, Faculty of Science, National University of Singapore, 2012-2014.