

## CURRICULUM VITAE

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### Jie Shen

#### Current Address

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#### Professional Preparation

Peking University	Computational Mathematics	B.S. 1982
Université de Paris-Sud	Numerical Analysis	Ph.D. 1987 (Adviser: R. Temam)
Indiana University	Applied Mathematics	PostDoc (8/1987 – 7/1991)

#### Professional Appointments

Aug. 1991 – June 1997: Assistant Professor, Department of Mathematics, The Pennsylvania State University.

July 1997 – June 2001: Associate Professor, Department of Mathematics, The Pennsylvania State University.

July 2001 – June 2003: Professor, Department of Mathematics, The Pennsylvania State University.

Aug. 2001 – July 2002: Professor, Department of Mathematics, University of Central Florida.

Aug. 2002 – : Professor, Department of Mathematics, Purdue University.

Feb. 2012 – : Director, Center for Computational and Applied Mathematics, Purdue University.

#### Guest Professorships

July 2002 – : Guest Chair Professor, School of Mathematical Sciences, Xiamen University, China.

**Research Interests:** numerical analysis, applied mathematics, scientific computing.

#### Honors and Awards

- Fulbright Award: *McGill University Research Chair in Computational Methods for Partial Differential Equations*, 2008. 2009.
- (Inaugural) Research Award, College of Science, Purdue University, 2013.
- Fellow of American Mathematical Society (AMS), class of 2017.

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- Fellow of Society of Industrial and Applied Mathematics (SIAM), class of 2020.

**Research Funding:** Continuously supported by NSF since 1992 and by AFOSR since 2008.

### Selected Professional Service:

*Member of the editorial boards:*

- Co-editor-in-chief: *Journal of Mathematical Study*, 2014 —
- *CSIAM Transaction on Applied Mathematics*, 2020 —
- *Communications in Applied Mathematics and Computation*, 2019 —
- *Applied Numerical Mathematics*, 2015 —
- *Communications in Mathematical Science*, 2015 —
- *Journal of Scientific Computing*, 2009 —
- *Mathematics of Computation*, Jan. 2005 — Jan. 2016
- *Communications in Computational Physics*, 2005 —
- *International Journal of Numerical Analysis and Modeling*, 2004 —
- *Discrete and Continuous Dynamical Systems, Series B*, 2001 —

*Professional appointments:*

- Member of the Scientific Committee on the conference series: International Conference on High-Order and Spectral Methods (ICOSAHOM), 2014 —
- Vice-Chair of the Advisory Committee of Chinese Computational Mathematics Society, 2016—
- Vice-President of the International Association of Mathematics and Computers in Simulation (IMACS), 2016—

### Publications:

Two books and over 200 papers in peer reviewed journals.

#### Citations:

- In Google Scholar:  $\geq 17,000$
- In Web of Science:  $\approx 10,000$
- In MathSciNet:  $\geq 6300$

#### H-index:

- In Google Scholar: 64
- In Web of Science: 50
- In MathSciNet: 41