

WEINAN E

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Education

Ph.D.	Mathematics	UCLA	1989
M.S.	Mathematics	Chinese Academy of Sciences	1985
B.S.	Mathematics	University of Science and Technology of China	1982

Positions

9/99-	Professor, Department of Mathematics and PACM, Princeton University
9/97-8/99	Professor, Courant Institute, New York University
9/94-8/97	Associate Professor, Courant Institute, New York University
9/91-8/94	Member, Institute for Advanced Study, Princeton
9/89-8/91	Visiting Member, Courant Institute, New York University

Awards

1993	Alfred P. Sloan Foundation Fellowship
1997	Presidential Faculty Fellowship
1999	Feng Kang Prize in Scientific Computing
2003	Collatz Prize, awarded by the Intl. Council of Industrial & Applied Math. (ICIAM)

Selected Talks

6/2001	Invited Speaker, Annual Meeting of the American Physical Society, Division of Computational Physics, Boston.
12/2001	Plenary Speaker, International Congress of Chinese Mathematicians, Taiwan.
8/2002	Invited Speaker, International Congress of Mathematicians, Beijing.
1/2003	Invited Hour Speaker, 109th Annual Meeting of the American Mathematical Society, Baltimore.
7/2005	Invited Speaker, American Conference of Theoretical Chemistry, Los Angeles.
10/2005	Plenary Speaker, American Institute of Chemical Engineers Annual Meeting, Topical Conference on Multiscale Modeling, Cincinnati.

Synergistic Activities

Changjiang Visiting Professor, Peking University.

Member of American Mathematical Society, American Physical Society, SIAM.

Fellow of Institute of Physics.

Research Interests

Atomistic theory of solids
Atomistic modeling of solids and complex fluids
Stochastic partial differential equations
Stochastic modeling with application to chemical and biological networks
Theory and modeling of rare events with applications in chemistry and material sciences