

Curriculum Vitae

Feng Xiao, PhD

Personal Information

Birth: July 20, 1963; Kunming, Yunnan, China

Current position:

Associate professor

Department of energy sciences

Tokyo Institute of Technology

4259 (J2-31) Nagatsuta, Midori-ku, Yokohama

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Education

B.Sc Yunnan University, 1983

M.Sc Lanzhou University, 1989

Ph.D Tokyo Institute of Technology, 1996

Academic appointments

Chair, climate change division of the inter-departmental organization for environment and energy,
Tokyo Institute of Technology

Associate Professor, Tokyo Institute of Technology, 1999-present.

Special Post-Doctorate Researcher, RIKEN, 1997-1999

Assistant professor, Gunma University, 1995-1997

Assistant professor, Yunnan University, 1989-1992

Guest positions

Institute of Mechanics, Chinese Academy of Sciences, 2007-present

RIKEN (Institute for Physical and Chemical Research, Japan), 1999-present

China Meteorological Administration, 2005-2007

FRCGC (Frontier Research Center for Global Change, Japan), 2000-2003

Johns Hopkins University, 2006

Research fields

Computational Fluid Dynamics, Numerical Analysis, Moving Boundaries/Interfaces,
Multi-phase Flows, Parallel Computing; Computer Aided Engineering.

Environmental Modeling, Numerical Simulations of Atmospheric and Oceanic Dynamics;
Geophysical fluid dynamics.

Awards

Fellow award of Japan Association for Computational Mechanics (JACM), 2009
APCOM'07 & EPMESC'XI best paper award (with Satoshi Ii), 2007
Fellowship for advanced educational exchange program, MEXT, 2006
Award for the fourth Nikkei Science Computer Visualization Contest, 1998
Special post-doctorate fellowship, RIKEN, 1997

Professional Services

Associate editor of Journal of Computation Physics
Guest editor of Computers & structures
Reviewer of over ten international academic journals
Member of organization committees for over ten international conferences
Regular symposium organizer and session chair of WCCM, APCOM, MIT Conference on Computational Fluid and Solid Mechanics, Annual Conference of Japan Society of Fluid Mechanics, Annual Conference of Japan Society of Fluid Mechanics, JSME Annual Conference, JSIAM annual Conference, JSME Computational Mechanics Conference.

Publications & presentations

Over 80 articles in academic journals and over 800 SCI (Science Citation Index) citations
More than 130 presentations in conferences and symposiums, and over 30 invited talks in conferences and institutes around the world