

RESUME

PERSONAL INFORMATION

- Name: Yuxin REN
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- Address: Institute of Fluid Mechanics, Department of Engineering Mechanics, School of Aeroapce, Tsinghua University, Beijing 100084, China

EXPERIENCE

- 2007– Department of Engineering Mechanics, Tsinghua University, China, Director of the Institute of Fluid Mechanics
- 2006– Department of Engineering Mechanics, Tsinghua University, China, Professor
- 2000–2006 Department of Engineering Mechanics, Tsinghua University, China, Associate Professor
- 1999–2000 Department of Aeronautics and Astronautics, University of Tokyo, Japan, JSPS Researcher
- 1997–1999 Department of Engineering Mechanics, Tsinghua University, China, Associate Professor
- 1995–1997 Department of Aeronautics and Astronautics, University of Tokyo, Japan, Visiting Scholar
- 1993–1995 Department of Engineering Mechanics, Tsinghua University, China, Lecturer

EDUCATION

- 1988–1992 Department of Engineering Mechanics, Tsinghua University, China, *Ph.D.*
- 1983–1988 Department of Engineering Mechanics, Tsinghua University, China, *Bachelor of Engineering.*

RESEARCH INTERESTS

- CFD: High order numerical schemes, multidimensional upwind schemes, projection methods;
- Fluid mechanics: Shock dynamics, Flow control, Evaluation of Stability Derivatives of Aircrafts;
- Aero-engines: Unsteady flow in compressors, loss analysis in turbomachinery.

AWARDS & PROFESSIONAL ACTIVITIES

- Award for young scientist, China Society of Theoretical and Applied Mechanics, 2006.
- JSPS Researcher Fellowship, 1999-2000, University of Tokyo, Japan.
- Invited series of lectures, July 15-30, 2008, Universitat Politecnica de Catalunya, SPAIN
- Assocoated secretary in gneral, Chinese Society of Theoretical and Applied Mechanics, 2006-
- Member, The Fluid Mechanics Committee of Chinese Society of Theoretical and Applied Mechanics, 2007-
- Regional editor, CFD Journal, 2008-
- Member of editorial board and excecutive Editor, Acta Aerodynamica Sinica, 2006-
- Member of Editorial Board, Chinese Journal of Computational Physics, 2007-
- Member of Editorial Board, Journal of Basic Science and Engineering, 2000-