

Curriculum Vitae

Dongho Chae

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Nationality Republic of Korea

Education

1986 - 1989 Ph.D in Applied and Computational Mathematics:
Princeton University (Advisor: Andrew J. Majda), USA
1984 - 1986 MA in Mathematics: *Syracuse University*, USA
1981 - 1983 MS in Physics: *Seoul National University*, Republic of Korea
1977 - 1981 BS in Physics: *Seoul National University*, Republic of Korea

Professional Experience

2023.3 - present, CAU Fellow, *Chung-Ang University*
2011 - 2023.2, CAU Distinguished Professor, *Chung-Ang University*
2004 - 2011, Professor, *Sungkyunkwan University*
1994 - 2004, Professor, *Seoul National University*
1991 - 1994, Assistant Professor, *POSTECH*
1990 - 1991, Research Assistant Professor, *Brown University*, USA
1989 - 1990, Postdoctoral Fellow, *Indiana University at Bloomington*, USA

Visiting Positions

2007 - 2010, Visiting Scholar, *University of Chicago*, USA
2006 - 2007, Visiting Professor, *RIMS, Kyoto University*, Japan
2004 - 2005, Visiting Professor, *University of Maryland*, USA
1998 - 1999, Visiting Scholar, *University of Minnesota*, USA

Honors and Awards

- *Korean Science Prize* (The Ministry of Education and Science, 2004)

- *National Distinguished Scholar (Star Faculty)* (The Ministry of Education and Science, 2006)
- *DI Mathematician Prize* (The Korean Mathematical Society, 2018)
- *Best Paper Prize* (The Korean Federation of Science and Technology, 1996)
- *Award of Most Cited Articles in Advances in Mathematics* (Elsevier, 2011)
- Member of *The Korean Academy of Science and Technology* (2004~)
- *Seo-Am Fellowship* for Visiting Professors (SBS Foundation, 2004)

Editorial Boards

- *Journal of Mathematical Fluid Mechanics* (ISSN 1422-6928), Birkhäuser, Basel, Switzerland
- *Methods and Applications of Analysis* (ISSN1073-2772), International Press Boston, MA, USA
- *Dynamics of Partial Differential Equations* (ISSN 1548-159X), International Press Boston, MA, USA
- *Advances in Mathematical Sciences and Applications* (ISSN 1343-4373), Gakko-tosho Tokyo, Japan

Research Interests

Theoretical studies of nonlinear partial differential equations arising in mathematical physics: Navier-Stokes equations, Euler's equations, quasi-geostrophic equations, Boussinesq equations, Chern-Simons gauge theories