

Renjun DUAN

RESEARCH INTERESTS

Partial differential equations, kinetic theory, fluid dynamics

EDUCATIONS

- 2008: Doctor of Philosophy, City University of Hong Kong
 - Thesis title: *Some Mathematical Theories on the Gas Motion Under the Influence of External Forcing*
 - Advisor: Tong Yang
- 2005: Master of Science, Central China Normal University
 - Thesis title: *Global Existence to Boltzmann Equation with External Force in Infinite Vacuum*
 - Advisor: Changjiang Zhu
- 2002: Bachelor of Science, Central China Normal University

EMPLOYMENT

- Professor, CUHK, 08/2022–present
- Associate Professor, CUHK, 2018–2022
- Assistant Professor, CUHK, 2012–2018
- Research Assistant Professor, CUHK, 2010–2012
- Postdoc, RICAM, 2008–2010 (Mentors: Peter Markowich and Massimo Fornasier)

HONORS AND AWARDS

- Stanford University World's Top 2% Scientists in 2020, 2021, 2022
- Most Cited Mathematicians in Year 2008 (<https://mathcitations.github.io>)
- Hong Kong Mathematical Society Outstanding Young Scholars Award in 2020
- Invited speaker at HYP2014 in Rio
- Zhong Jiaqing Mathematics Award, Chinese Mathematical Society (CMS), 2007

EDITORIAL BOARD

- Communications in Mathematical Analysis and Applications (2022–present)
- Kinetic and Related Models (2022–present)
- Discrete & Continuous Dynamical Systems - B (2020–present)
- Nonlinear Analysis: Real World Applications (2018–present)

RESEARCH GRANTS

- GRF from RGC in Hong Kong
- NSFC/RGC Joint Research Scheme from RGC in Hong Kong