

Kiah Wah Ong

Professional Preparation

Institution	Location	Major	Degree	Year
University of Malaya	Kuala Lumpur, Malaysia	mathematics	BSc	2004
Universiti Tunku Abdul Rahman	Kuala Lumpur, Malaysia	mathematics	MMath	2010
Indiana University	Bloomington, IN	mathematics	PhD	2017

Appointments

2017–present	Lecturer, Department of Applied Mathematics, Illinois Institute of Technology
2011–2017	Associate Instructor, Department of Mathematics, Indiana University
2010–2011	Lecturer, Universiti Tunku Abdul Rahman
2006–2008	Assistant Lecturer, Universiti Tunku Abdul Rahman
2004–2006	Mathematics Teacher, Chong Hwa Independent High School

Publications

- [1] K.W.Ong, *Dynamic transitions of generalized Kuramoto-Sivashinsky equation*, Discrete Contin. Dyn. Syst. Ser. B, **21** (2016), no. 4, 1225-1236, DOI 10.3934/dcdsb.2016.21.1225.
- [2] L.Li and K.W.Ong, *Dynamic transitions of generalized Burgers equation*, J. Math. Fluid Mech, **18** (2016), no. 1, 89-102, DOI 10.1007/s00021-015-0240-7.
- [3] K.W.Ong, S.L.Tan and Y.E.Tu, *Integral operators and univalent functions*, Tamkang J. Math **43** (2012), no. 2, 215-221, DOI: <http://dx.doi.org/10.5556/j.tkjm.43.2012.630>.
- [4] L.Li, M.Hernandez, K.W.Ong, *Stochastic attractor bifurcation for the two-dimensional Swift-Hohenberg equation*, Math Methods Appl Sci, to appear.
- [5] M.Cai, M.Hernandez, K.W.Ong and S.Wang, *Baroclinic Instability and Transitions in a Two-Layer Quasigeostrophic Channel Model*, submitted, arXiv:1705.07989.

Synergistic Activities

- [1] Planning Committee Member, Preparing Future Faculty Conference, Indiana University, 2015-2016.
- [2] Volunteer for Indiana University Science Fest 2015 Outreach Event.
- [3] Faculty advisor for Actuary Today, Universiti Tunku Abdul Rahman, Malaysia, 2010-2011. The 2011 Actuary today is an inaugural two days event design to illustrate the role of actuaries in insurance, and to provide information on current actuarial employment outlook in Malaysia.