



Education

Ph.D. ,	Computational Mathematics,	Hong Kong Baptist University	2010
M.Phil. ,	Computational Mathematics,	Sichuan University	2006
B.Sc. ,	Computational Mathematics,	Sichuan University	2003

Working Experiences

- **Assistant Professor** at Department of Mathematics, University of Macau,
Aug. 2012 - present
- **Visiting Research Associate** at Department of Mathematics, Michigan State
University Jan. 2010- Aug. 2012

Current Research

- Adaptive numerical methods for partial differential equations, the related numerical analysis, high performance computation, and applications.
- Compressible computational fluid dynamics.
- Computational quantum mechanics.

Teaching

- **Fall 2017:** MATB212 Mathematical Analysis I for undergraduate students, and ELCE709 Advanced Mathematics for graduate students.
- **Previous teaching:** Mathematical Analysis I/II, Advanced Mathematics, Numerical Analysis, Numerical Methods for Differential Equations.

Awards

- **The Best Thesis Award** of Hong Kong Mathematical Society 2010
- **The First Prize Winner** of the Third Student Paper Competition for Young Computational Mathematicians, China Society for Computational Mathematics 2007