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## Education

Ph.D, Department of Mathematics, Hong Kong Baptist University 2010  
M.Sc, College of Mathematics, Sichuan University 2006  
B.Sc, College of Mathematics, Sichuan University 2003

## Working Experience

Associate Professor, Department of Mathematics, University of Macau 2018–present  
Assistant Professor, Department of Mathematics, University of Macau 2012–2018  
Postdoc, Department of Mathematics, Michigan State University 2010–2012

## Teaching

*MATH2003 and MATH2011 in Fall semester 2024*

**Undergraduate:** Mathematical analysis I&II, Advanced mathematics I&II, Introduction to Scientific Computing, Partial differential equations, Numerical analysis, Mathematical Modeling, Calculus (Michigan State University).

**Postgraduate:** Partial differential equations, Numerical methods for differential equations, Advanced engineering mathematics

## Research Interest

Numerical solutions for partial differential equations, including the design and analysis of numerical methods, software development, and applications in computational physics.

## Professional Services

Member of Editorial Board, *Communications in Computational Chemistry* 2024–present  
Member of Editorial Board, *Mathematica Numerica Sinica* 2024–present  
Member of Executive Committee, China Society for Computational Mathematics, 2023–present  
Member of Executive Committee, East Asian Section of SIAM 2021–present  
Guest Editor, *Journal of Numerical Methods and Computer Applications* 2021–present  
Member of Editorial Board, *Communications in Computational Physics* 2020–present  
Peer reviewer and Panelist of NSF of China and GDSTC, 2019–present  
Member of Sixth Specialized Committee for Fundamental Science  
Chinese Association of Young Scientists and Technologists 2019–present  
Associate Editor, *Advances in Applied Mathematics and Mechanics* 2018–present  
Member of Specialized Committee for High-Performance Computing and Mathematical Software  
China Society for Industrial and Applied Mathematics 2018–present

## Awards

Incentive Scheme for Outstanding Academic Staff, University of Macau 2023  
Long Service Award, University of Macau 2023  
FST Teaching Excellence Award, University of Macau – *Nominee for University Award* 2022  
FST Teaching Excellence Award, University of Macau 2018  
The Best Thesis Award, Hong Kong Mathematical Society 2010  
The First Prize Winner, Third Student Paper Competition for Young Computational Mathematicians, China Society for Computational Mathematics 2007