澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

科技學院
Faculdade de Ciências e Tecnologia
Faculty of Science and Technology

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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

Now: MATH2004 Mathematical Analysis II, Spring semester of 2021/2022.

Taught:

Undergraduate courses: Mathematical analysis series • Advanced mathematics series • Partial differential equations • Numerical analysis • Calculus (Michigan State U.).

Postgraduate courses: Partial differential equations • Numerical methods for differential equations • Advanced engineering mathematics

Research Interest

I am interested in numerical solutions for partial differential equations, including the design and analysis of numerical methods, their high performance realization in software, and applications in computational physics such as computational fluid dynamics, electronic structure calculations, computational micromagnetics.

Professional Services

《数值计算与计算机应用》青年评述栏目特邀编辑 • Associate editor of *Communications in Computatoinal Physics* • Associate editor of *Advances in Applied Mathematics and Mechanics* and • Member of Executive Committee of East Asia Section of Society for Industrial and Applied Mathematics • 中国工业与应用数学学会高性能计算与数学软件专业委员会委员

Awards

FST Teaching Excellence Award, University of Macau,	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