



丘成桐数学科学中心
YAU MATHEMATICAL SCIENCES CENTER



Yau Mathematical Sciences Center, Tsinghua University

DOCTORAL PROGRAM IN MATHEMATICS FOR INTERNATIONAL STUDENTS



Research

Mathematical research at YMSC spans a broad range in pure mathematics, applied mathematics, computational mathematics and related disciplines of the sciences and engineering. As of August 2018, there are 62 faculty members (15 full professors, 10 associate professors, and 37 assistant professors, including distinguished international scholars Donald Rubin, Eduard Looijenga, Thomas Farrell, Akito Futaki and Shiu-Yuen Cheng) and 40 postdoctoral fellows

working actively at YMSC. They form six main research groups:

1. Representation Theory, Algebraic Geometry and Number Theory
2. Geometry and Topology
3. Analysis, Partial Differential Equation (PDE) and Dynamical Systems
4. Probability and Statistics
5. Computational and Applied Mathematics
6. Mathematical Physics

Yau Mathematical Sciences Center

Yau Mathematical Sciences Center (YMSC) was founded in December 2009 by its director, Professor Shing-Tung Yau, who is one of the leading mathematicians in the world with numerous prestigious honors, such as Fields Medal, Crafoord Prize, Wolf Prize, and Marcel Grossman Award. YMSC is devoted to conducting frontier research in mathematics and related sciences, promoting exchange of mathematical conceptions and achievements, and improving mathematical research and teaching in China.

Tsinghua University

Founded in 1911, Tsinghua University is one of the most prestigious higher education institutions in China for nurturing talented students and promoting advanced scientific research. With the motto of “Self-Discipline and Social Commitment” and the spirit

of “Actions Speak Louder than Words”, Tsinghua University is dedicated to the well-being of Chinese society and to world development. Tsinghua has been active in promoting internationalization of its education. It offers more than 100 Master’s degree programs and 80 Doctoral programs for international students.

Program Highlights

From 2019, YMSC will admit international students for Doctoral Program in Mathematics. YMSC boasts a diverse and distinguished faculty who will help PhD students expand knowledge and nurture them to be independent researchers in mathematics and related fields with a high standard teaching and research plan. YMSC offers S.-T. Yau Graduate Student Scholarship with a competitive package to support the study, academic activities and living of students. The annual stipend and research funds are comparable to those of other prestigious fellowships in the world. All program courses inside YMSC will be taught in English.

YMSC Official Site <http://ymsc.tsinghua.edu.cn>
Tsinghua Official Site <http://www.tsinghua.edu.cn>

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