

ZHANG YITONG

+852 54495425
yzhangll@connect.ust.hk

Institut de mathématique d'Orsay
Université Paris-Saclay, Orsay, France

Birthday: 2002/12/23

EDUCATION BACKGROUND

Hong Kong University of Science and Technology (HKUST) <i>Bachelor of Mathematics (International Research Enrichment and pure math advance Track)</i> <ul style="list-style-type: none">CGA: 3.914/4.30MCGA: 4.19/4.30	Hong Kong 09/2021-Now
Eidgenössische Technische Hochschule Zürich (ETHz) <i>Mathematics (Mobility)</i> <ul style="list-style-type: none">CGA: 5.66/6.00	Zuerich 02/2024-08/2024
Université Paris-Saclay <i>Master, Parcours Jacques Hadamard</i> <ul style="list-style-type: none">CGA: 18.9/20	Paris 09/2024-Now

PROJECT AND ACTIVITY EXPERIENCE

■ UROP Reading course (Science School) <i>Topics in Representation Theory</i> Supervisor: IP, Ivan Chi Ho. Topic: Quantum Groups. I have read the first ten chapters of Kassel's <i>Quantum Group</i> , three papers involve the relation between knot invariants and quantum group by Turaev and Reshetikhin, and Fuchs' <i>Affine Lie Algebra and Quantum Group</i> .	Hong Kong 02/2023-12/2023
■ SCIE Reading course (International Research Enrichment Track, Science School) <i>Topics in Functional Analysis</i> Supervisor: Zhu Yongchang. Topic: Banach Algebra. I have applied theories in functional analysis by trying to classify the automorphism group of the convolution algebra $L^1(\mathbb{R}_+)$.	Hong Kong 02/2023-05/2023
■ SCIE Reading course (International Research Enrichment Track, Science School) <i>Topics in Algebraic Topology</i> Supervisor: Meng Guowu. Topic: Characteristic class. I have read first ten chapters of Milnor's <i>Characteristic Classes</i> .	Hong Kong 09/2023-12/2023
■ 10 Credits Project <i>Topics in Functional Analysis</i> Supervisor: Marcus Burger and Zurbuchen Beat. Topic: Hecke algebra of a d -regular tree and the Selberg trace formula associated with it. Refer to the attachment: <i>d-tree</i> .	Zuerich 03/2024-08/2024
■ Project for the first-year master <i>Topics in Representation Theory</i> Supervisor: Romain Tessera.	Paris 12/2024-Now

Topic: Kazhdan's property.

■ **Hong Kong Laureate Forum**
Young Scientist Participate

Hong Kong
11/2023

HONORS AND AWARDS

- **Dean's List of School of Science** HKUST, 2021 Fall, 2022 Spring, 2022Fall, 2023Spring
- **International Research Experience funding, 40000 HK\$** HKUST, 2025/1
- **HKSAR Government Scholarship Fund - Reaching Out Award** HKUST, 2024/8
- **University's Scholarship Scheme for Continuing Undergraduate Students** HKUST, 2022/23
- **Chern Class Scholarship** HKUST, from 6/2022
- **University's Scholarship– FT oneoff** HKUST, 6/2021
- **The Third Prize of the 36th Chinese Mathematic Olympiad** Chinese Mathematic Society, 12/2020
- **The First Prize of Chinese High School Mathematics League** Chinese Mathematic Society, 9/2020
- **The Second Prize of the 37th Physics Olympiad Competition** Chinese Physical Society, 9/2020
- **The Second Prize of Chinese High School Mathematics League** Chinese Mathematic Society, 9/2019

SKILLS

- **Language: Chinese (native), English (fluent), German (beginner), French (able to read).**
- **Sport: Zurich marathon 2024, finisher, 4:21:57.**