

TSUNG-CHEN CHEN

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EDUCATION

National Taiwan University

Bachelor of Science of Mathematics

Sep 2020 - Jun 2024

- Bachelor's Thesis: *Fiber products under toric flops and flips*

National Taiwan University

Ph.D. in Mathematics

Sep 2024 - present

REASERACH INTEREST

Toric Variety

Enumerative geometry (Gromov–Witten Invariants)

GRANTS AND FELLOWSHIPS

Royal Palm Elite Doctoral Scholarship

TALKS AND PRESENTATIONS

TIMS Summer Program: Student Seminar in Algebraic Geometry

- Report topics: Differentials, Serre duality, Formal function theorem.

2023 TIMS Algebraic Geometry Group Meeting

Toric fiber product under flops

Aug 2023

CONFERENCE AND WORKSHOP PARTICIPATION

2023 TIMS Seminar in Algebraic Geometry

Taida Institute for Mathematical Sciences

Jun 2023

Enumerative Geometry in East Asia

Academia Sinica, Institute of Mathematics, Taiwan

Dec 2023

Chen-Jung Hsu Lectures

Academia Sinica, Institute of Mathematics, Taiwan

Dec 2023

Focus Program on Toric Topology, Geometry and Polyhedral Products

The Fields Institute for Research in Mathematical Sciences

Jun 2024 - Aug 2024

WORK EXPERIENCE

Linear Algebra Teaching Assistant

National Taiwan University

Sep 2023 - Jun 2024

Introduction to Abstract Algebra Teaching Assistant

National Taiwan University (expected: June 2025)

Sep 2023 - present

LANGUAGES & COMPUTER SKILLS

Chinese (native), English (conversational), Python, \LaTeX

AWARDS

International Math Olympiad Silver Medal (2020)

Dean's List Award (3 times)

Scholarship for Excellence (卓越獎學金) (2020, 2021, 2023)

President of NTU scholarship (2022)

Scholarship of 胡達開 (2023)

Dean's Award of College of Science (2024)

K.-S. Shih's Scholarship for Bachelor's Thesis (2024)