Chih-Huan Chang
Curriculum Vitae

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EDUCATION

- **National Taiwan University** *2019-2023*
  B.S. in Mathematics
  – Advisor: Hsueh-Yung Lin

- **National Taiwan University** *2023-2025*
  M.S. in Mathematics
  – Advisor: Hsueh-Yung Lin
  – Thesis title: Motivic DT/PT Correspondence

RESEARCH INTERESTS

- **Algebraic Geometry**
  – Enumerative Geometry
  – Categorification of Donaldson-Thomas theory

EMPLOYMENT

- **1-Year Research Trainee**
  – Advisor: Adeel Khan
  Academia Sinica, July 2025-current

RESEARCH VISITS

- **Research Institute for Mathematical Sciences (RIMS), Kyoto University** *Oct 2024 – Dec 2024*
  Visiting Student with Prof. Tasuki Kinjo Kyoto, Japan

  – Topic: Cohomological Donaldson-Thomas theory
  – *Supported by the National Center for Theoretical Sciences (NCTS)*

- **Kavli IPMU, University of Tokyo** *Jan 2025*
  Short-term Visit with Prof. Yukinobu Toda Kashiwa, Japan

  – Topic: Motivic DT/PT correspondence
  – *Supported by the National Center for Theoretical Sciences (NCTS)*

TEACHING ASSISTANT EXPERIENCES

- **Teaching assistant of Algebraic Geometry** *National Taiwan University, 2024 Spring*
  Lecturer: Wu-Yen Chuang

- **Teaching assistant of Algebraic Surfaces** *National Taiwan University, 2025 Spring*
  Lecturer: Wu-Yen Chuang

INVITED TALKS

- **Algebraic Geometry Seminar at Academia Sinica** *November 2025*
  Motivic DT/PT Correspondence for Calabi–Yau threefolds

PAPERS

- **Motivic DT/PT Correspondence**
  https://arxiv.org/abs/2511.22213v1

ACTIVITIES

- **The Good Moduli Space Retreat, Hualien** *Summer, 2025*
  Co-Initiator and Lead Organizer

  – https://sites.google.com/view/good-moduli-space-camp/