

Ting-Wei Chang

Curriculum Vitae

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Personal Data

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Education

Aug. 2023–present **PhD Candidate in Mathematics (Direct Admission)**, *National Tsing Hua University*, Taiwan, Advisor: Prof. Fu-Tsun Wei
2021–2023 **Master Program in Mathematics**, *National Tsing Hua University*, Taiwan
2017–2021 **Bachelor of Science in Mathematics**, *Tamkang University*, Taiwan

Research Interest: Number Theory

Special gamma values over function field
Gauss sum over function field
Drinfeld module, t -module and t -motive

Preprints

- [1] Ting-Wei Chang, *Geometric Gauss Sums and Gross-Koblitz Formulas over Function Fields*, submitted ([arXiv:2502.01109](https://arxiv.org/abs/2502.01109))
- [2] Ting-Wei Chang and Hung-Chun Tsui, *Uniqueness of v -adic Gamma Functions in the Gross-Koblitz-Thakur Formulas*, [arXiv:2504.15697](https://arxiv.org/abs/2504.15697)
- [3] Ting-Wei Chang, Song-Yun Chen, Fei-Jun Huang, and Hung-Chun Tsui, *On q -Shuffle Relations for Multiple Eisenstein Series in Positive Characteristic*, [arXiv:2504.18879v2](https://arxiv.org/abs/2504.18879v2)

Invited Talks

Mar. 28, 2025 NTNU Number Theory Seminar, Taipei, Taiwan
Apr. 17, 2025 NTHU Workshop on Number Theory, Hsinchu, Taiwan

Conference/Workshop Attended

Jan. 17–18, 2022 TMS Annual Meeting, National Taiwan University, Taipei, Taiwan
Sep. 21–22, 2022 NCTS Workshop on Function Field Arithmetic, National Tsing Hua University, Hsinchu, Taiwan
Dec. 28–30, 2022 The 10th(2022) NCTS–POSTECH-PMI Joint Workshop on Number Theory, NCTS, Taipei, Taiwan
Jan. 16–17, 2023 TMS Annual Meeting, National Tsing Hua University, Hsinchu, Taiwan

- Feb. 13–17, 2023 The 10th East Asia Number Theory Conference, Online
- Jan. 22–23, 2024 TMS Annual Meeting, National Chengchi University, Taipei, Taiwan
- Jul. 23–26, 2024 The 2nd AMS-UMI International Joint Meeting, Palermo, Italy
- Jan. 02–03, 2025 Introduction to Nevanlinna Theory, Hyperbolicity and Algebraic Dynamic, Taipei, Taiwan
- Jan. 14–15, 2025 TMS Annual Meeting, National Central University, Taoyuan, Taiwan
- Feb. 10–15, 2025 The 17th MSJ-SI Developments of Multiple Zeta Values, Week 1: Lectures on Multiple Zeta Values and Beyond, Fukuoka, Japan
- Feb. 17–22, 2025 The 17th MSJ-SI Developments of Multiple Zeta Values, Week 2: Modular Forms and Multiple Zeta Values, Osaka, Japan

Summer/Winter School Participated

- Jul. 01–04, 2024 Summer School on Arithmetic Geometry, National Tsing Hua University, Hsinchu, Taiwan