Curriculum Vitae

Pengrong Jin

Affiliation: Department of Mathematics, Southern University of Science and Technology
Shenzhen, China
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Education and Research Experience

Ph.D. in Mathematics (in progress) Sep 2023–present
Southern University of Science and Technology, Shenzhen, China
Advisor: Longting Wu · Expected completion: June 2027

Research Assistant Nov 2022–Jul 2023
Department of Computer Science, Southern University of Science and Technology,
Shenzhen, China.
Advisor: Yu Zhang

Master's degree in Mathematics (M2) Sep 2019–Jun 2020
Université de Rennes 1, Rennes, France
Advisor: Goulwen Fichou

Master's studies in Mathematics (M1) Oct 2018–Jun 2019
Université Paris-Sud, Orsay, France
Advisor: Benjamin Schraen

B.S. in Mathematics Sep 2014–Jun 2018
Southern University of Science and Technology, Shenzhen, China
Advisor: Qin Li

Research Interests

Algebraic geometry and mathematical physics, with a focus on Gromov–Witten invariants.

Preprints

Virasoro Constraints for Orbifold Curves.
(Jianxun Hu, **Pengrong Jin**, Hua-Zhong Ke, Jingwei Lu, Hsian-Hua Tseng, and Longting Wu).
arXiv:2609.01300 [math.AG], 2026. Preprint.

Teaching Experience

Southern University of Science and Technology, Shenzhen, China

Teaching Assistant, Advanced Linear Algebra — Fall 2024, 2025, 2026
Teaching Assistant, Linear Algebra — Fall 2023; Spring 2024, 2025, 2026

Selected Conferences, Workshops and Schools Attended

Summer School on Gromov–Witten Theory
Sichuan University (Meishan campus), Meishan, China — Jul 20–31, 2026

Southeastern Algebraic Geometry Symposium (X)
Xiamen University, Xiamen, China — Jun 19–22, 2026

Beijing–Hangzhou–Zurich Moduli Workshop (Hangzhou session)
Zhejiang University, Hangzhou, China — May 18–19, 2026

International Workshop on Mathematics Inspired by String Theory
Hosted by Southern University of Science and Technology.
Dameisha, Shenzhen, China — Jul 26–31, 2025

Southeastern Algebraic Geometry Symposium (VIII)
Southern University of Science and Technology, Shenzhen, China — Jun 9–13, 2025

MIST 2025 Workshop
The Chinese University of Hong Kong, Hong Kong, China — Mar 12–18, 2025

MIST 2024 Workshop
The Chinese University of Hong Kong, Hong Kong, China — May 27–31, 2024

Greater Bay Area Geometry and Mathematical Physics Conference
MIST 2024 Workshop
The Chinese University of Hong Kong, Hong Kong, China — Mar 20–22, 2024

International Workshop on Gromov-Witten Theory
Sun Yat-sen University, Guangzhou, China — Dec 18–22, 2023

Greater Bay Area Geometry and Mathematical Physics Conference
MIST 2023 Workshop
The Chinese University of Hong Kong, Hong Kong, China — Nov 21–24, 2023

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