

KAICHUAN QI

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907 W Aaron Dr, State College, 16803 PA, United States

EDUCATION

- The Pennsylvania State University** *August 2022 - present*
PhD candidate under supervision of Prof. Ping Xu & Prof. Mathieu Stiénon.
- Katholieke Universiteit Leuven** *September 2020 - August 2022*
Master of Mathematics, Graduated with Magna cum Laude
Thesis: Integration of transitive Lie algebroids, supervisor: Prof. Marco Zambon
- The Chinese University of Hong Kong, Shenzhen** *September 2016 - May 2020*
Bachelor of Mathematics, Graduated with Second Upper Class Honour

RESEARCH

- (With Dadi Ni) Hyperkähler structures on leaves of hyper-Lie Poisson manifolds** *submitted*
<https://arxiv.org/abs/2502.08979>

ACADEMIC ACTIVITIES

- Geometry Seminar**, Ritsumeikan University *July 2025*
Presented a talk: Hyperkähler structures from hyper-Lie Poisson manifolds
- Math Seminar**, CUHK(Shenzhen) *May 2025*
Presented a talk: Hyperkähler structures from hyper-Lie Poisson manifolds
- Weekly Poisson Seminar**, KU Leuven *May 2025*
Presented a talk: Hyperkähler structures from hyper-Lie Poisson manifolds
- GAP 2024 Conference**, Sapienza Università di Roma *September 2024*
Presented a poster: Leaves of hyper-Lie Poisson manifolds
- Poisson 2022 Advanced School**, Universitat Autònoma de Barcelona *July 2022*
- Noncommutative Geometry and Higher structures**, Scalea *June 2022*
- Singularities in Dynamics and Geometry**, Hasselt University *Nov 2021*

TEACHING

- Instructor for Math 231: Multivariable calculus**, Penn State University *Spring & Fall 2023*
- Grader for Math 528: Differentiable Manifolds, Math 484: Linear Optimization, Math 404: Real Analysis, Penn State University

AWARDS

- Jack and Eleanor Pettit Scholarship in Science**, Penn State University *2022*
- Dean's List**, CUHK(Shenzhen) *2017 - 2020*
- Undergraduate Research Award**, Supervisor: Dr. Guang Rao, CUHK(Shenzhen) *2019*