

# Bingyu ZHANG 张秉宇

Institut Fourier, Université Grenoble Alpes,  
100 rue des Mathématiques, 38610 Gières, France

✉ bingyu.zhang@univ-grenoble-alpes.fr • 🌐 byzhang.cn

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## Education

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<b>Université Grenoble Alpes</b> <i>Ph.D. student in Pure mathematics</i> Project : Sheaves Techniques and Symplectic Geometry. Advisor : Damien Gayet, Stéphane Guillermou, and Claude Viterbo	<b>Grenoble, France</b> 2019-Present
<b>Université Grenoble Alpes</b> <i>M2R Fundamental Mathematics</i> Advisor : Stéphane Guillermou	<b>Grenoble, France</b> 2018–2019
<b>Academy of Mathematics and Systems Science, CAS</b> <i>MS in Pure Mathematics</i> Advisor : Wei-dong RUAN ( 阮卫东 )	<b>Beijing, China</b> 2015–2018
<b>Hunan University</b> <i>BS in Mathematics</i> Advisor : Jun LI ( 李军 )	<b>Changsha, Hunan, China</b> 2011–2015

## Papers

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### — Capacities from the Chiu-Tamarkin Complex.

Preprint : arXiv 2103.05143. Submitted.

## Talks

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- Capacities from the Chiu-Tamarkin complex.  
Oct. 2021 : Topology Seminar, Institut Fourier (TBA)  
Oct. 2021 : UU-Nantes Workshop on Lagrangian cobordisms and Floer theory, Uppsala  
Apr. 2021 : Symplectic Zoominar, CRM-Montréal, Princeton/IAS, Tel Aviv, and Paris (Online)
- What can we know from the conormal torus of a knot?  
Aug. 2021 : Virtual Kylerec Seminar (Online)
- What is "larger" in symplectic geometry?

Nov. 2020 : Séminaire compréhensible, l'Institut Fourier, Université Grenoble Alpes

- Embedding problem from microlocal sheaf theory.

Jul. 2020 : Shanghai Maths Seminar, Tongji University

- Homotopy equivalence of nearby lagrangian and sheaf quantization.

Apr. 2020 : Student Seminar on Symplectic Geometry, Princeton University

- $A_\infty$ -relations and Fukaya Categories.

May 2017 : Topics on Non-commutative Geometry, YMSC, Tsinghua University

## Awards

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2018 : IDEX M2 Scholarship of Université Grenoble Alpes.

2015 : Excellent New Student Scholarship, AMSS, CAS.

2014 : Shiing-Shen Chern (Geometry and Topology) Silver Award, S.T.Yau College Student Mathematics Contests.

## Activities Organized

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May 2020 : Bingyu's Friends - Young Mathematicians Colloquium, online.

Spring 2017 : Student Seminar on K3 Surfaces, AMSS, CAS.

Winter 2016 : Student Seminar on Homological algebra, Sheaves and Stacks, AMSS, CAS.

Spring 2016 : Student Seminar on Gauge Theory, AMSS, CAS.

## Teaching

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Spring 2018 : TA on Linear Algebra-II.

University of Chinese Academy of Sciences. **Instructor : Prof. Ziming LI ( 李子明 ).**

Autumn 2017 : TA on Calculus-III A.

University of Chinese Academy of Sciences. **Instructor : Prof. Wei-dong RUAN ( 阮卫东 ).**

## Skill

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**Cooking** : Intermediate

*I would like to be a chef if I don't want to do math anymore.*

**Chinese** : Mother tongue

**English** : Intermediate

**French** : Beginner

*Maybe nothing*