

CURRICULUM VITAE

LIANG XIAO

Contact Information.

Peking University,
Beijing International Center for Mathematical Research,
5 Yiheyuan East Road,
Beijing, 100871, China.
<http://bicmr.pku.edu.cn/~lxiao/>

Academic Interests.

- Slopes of modular forms, and eigenvarieties.
- Geometric representation theory.
- Geometry of Shimura varieties.
- p -adic automorphic forms.
- p -adic Hodge theory and (φ, Γ) -modules.
- Iwasawa theory for non-ordinary modular forms.
- Theory of nonarchimedean differential modules and its applications to ramification theory.

Employment.

- Dickson Instructor at Mathematics Department, University of Chicago, September 2009–February 2013.
- Assistant Professor at Mathematics Department, University of California at Irvine, March 2013–June 2014.
- Assistant Professor at Mathematics Department, University of Connecticut, Storrs, August 2014–August 2019. (tenure approved)
- Professor at Beijing International Center for Mathematical Research, Peking University, August 2019–August 2022.
- Professor at School of Mathematical Sciences, Peking University, September 2022–present.

Education.

- Ph.D. in Mathematics Science, Massachusetts Institute of Technology, June 2009 (Advisor: Kiran S. Kedlaya).
- B.S. in Mathematics Science, Peking University, China, in June 2005.

Awards and Grants.

- New Cornerstone Investigator 2024.
- NSFC Grant: “Geometry of Shimura varieties and arithmetic application”, 12231001, 2023–2027.
- NSFC Grant: “Slopes of p -adic modular forms and p -adic local Langlands”, 12071004, 2021–2024.
- CJ 2020
- QQ 2020
- NSF CAREER grant: “Slopes of p -adic Modular Forms,” 2018–2019 (DMS-1752703).
- Research Excellence Program, 2018–2019, UConn.

- NSA conference grant: “Connecticut Summer School in Number Theory 2018,” February 2018 (Joint with J. Balakrishnan, K. Conrad, and Á. Lozano-Robledo).
- NSF conference grant: “Connecticut Summer School in Number Theory,” August 2016 (DMS-1608789), (Joint with K. Conrad, A. Folsom, and Á. Lozano-Robledo).
- NSF grant: “Special fibers of modular varieties,” 2015–2018 (DMS-1502147).
- CORCL faculty research grant, UC Irvine, 2014.
- Simons Foundation Collaboration Grant, 2013–2016 (#278433).
- NSF conference grant: “Towards a local proof of local Langlands correspondence”, May 2012 (DMS-1207440), (Joint with M. Morrow, R. Takloo-Bighash, and S. Varma).
- International Mathematics Olympiad: Gold Medal, 2001.

Publications.

- (1) (*Joint with Kiran Kedlaya*) Differential modules on p -adic polyannuli, **Journal de l’Institut de Mathématiques de Jussieu** **9** (2010), 155–201.
- (2) On ramification filtrations and p -adic differential equations, I: equal characteristic case, **Algebra and Number Theory** **4** (2010), 969–1027.
- (3) On ramification filtrations and p -adic differential equations, II: mixed characteristic case, **Compositio Mathematica** **148** (2012), 415–463.
- (4) On refined ramification filtrations in the equal characteristic case, **Algebra and Number Theory** **6** (2012), 1579–1667.
- (5) (*Joint with Kiran Kedlaya and Jonathan Pottharst*) Cohomology of arithmetic families of (φ, Γ) -modules, **Journal of the American Mathematical Society** **27** (2014), 1043–1115.
- (6) (*Joint with Igor Zhukov*) Ramification of higher local fields, approaches and questions, **Algebra i Analiz** **26** (2014), issue 5, 1–40. reprinted in **Proceedings of the 2nd International Conference on Valuation Theory**.
- (7) (*Joint with Robert Harron*) On p -adic family of Gauss-Manin connections for nearly overconvergent modular forms, **Annales de l’Institut Fourier** **64** (2014), 2449–2464.
- (8) Cleanliness and log-characteristic cycles of vector bundles with flat connections, **Mathematische Annalen** **362** (2015), 579–627.
- (9) (*Appendix to “On automorphy of certain Galois representations of GO_4 -type” by Tong Liu and Jiu-Kang Yu*) Tensor being crystalline implies each factor being crystalline up to twists, **Journal of Number Theory** (special issue for Prof. Winnie Li) **161** (2016) 70–72.
- (10) (*Joint with Chris Davis and Daqing Wan*) Newton slopes for Artin-Schreier-Witt towers, **Mathematische Annalen** **364** (2016), 1451–1468.
- (11) (*Joint with Yichao Tian*) p -adic cohomology and classicality of overconvergent Hilbert modular forms, in **Astérisque** **382** (2016), 73–162.
- (12) (*Joint with Yichao Tian*) On Goren-Oort stratification for quaternionic Shimura varieties, **Compositio Mathematica** **152** (2016), 2134–2220.
- (13) (*Joint with Matthew Emerton and Davide Reduzzi*) Galois representations and torsions in the coherent cohomology of Hilbert modular varieties, **Journal für die reine und angewandte Mathematik** **726** (2017), 93–127.
- (14) (*Joint with Davide Reduzzi*) Partial Hasse invariants on splitting models of Hilbert modular varieties, **Annales Scientifiques de l’École Normale Supérieure** **50** (2017), 579–607.
- (15) (*Joint with Daqing Wan and Jun Zhang*) Slopes of eigencurves over boundary disks, **Mathematische Annalen** **369** (2017), 487–537.
- (16) (*Joint with Ruochuan Liu and Daqing Wan*) Eigencurves over the boundary of weight space, **Duke Mathematical Journal** **166** (2017), 1739–1787.

- (17) (*Joint with Rufe Ren, Daqing Wan, and Myungjun Yu*) Slopes for higher rank Artin–Schreier–Witt towers, **Transactions of the American Mathematical Society** **370** (2018), 6411–6432.
- (18) (*Joint with David Helm and Yichao Tian*) Tate cycles on some unitary Shimura varieties mod p , **Algebra and Number Theory** **11** (2017), 2213–2288.
- (19) (*Joint with Matthew Emerton and Davide Reduzzi*) Unramifiedness of Galois representations arising from some Hilbert modular varieties, **Forum of Mathematics Sigma** **5** (2017), E29.
- (20) (*Joint with Xinwen Zhu*) On vector-valued twisted conjugate invariant functions on a group, in *Representation of Reductive Groups*, **Proceedings of Symposia in Pure Mathematics** **101**, 361–425.
- (21) (*Joint with Yichao Tian*) Tate cycles on some quaternionic Shimura varieties over finite fields, **Duke Mathematical Journal** **168** (2019), 1551–1639.
- (22) (*Joint with Yifeng Liu, Yichao Tian, Wei Zhang, and Xinwen Zhu*) On the Beilinson–Bloch–Kato conjecture for Rankin–Selberg motives, **Inventiones Mathematicae** **228** (2022), 107–375.
- (23) (*Joint with Ruochuan Liu, Nha Truong, and Bin Zhao*) A local analogue of the ghost conjecture of Bergdall–Pollack, **Peking Mathematical Journal** **7** (2024), 247–344.
- (24) (*Joint with Yifeng Liu, Yichao Tian, Wei Zhang, and Xinwen Zhu*), Deformation of rigid conjugate self-dual Galois representations, **Acta Mathematica Sinica, English Series**, **40** (2024), 1599–1644.

Preprints.

- (1) (*Joint with Jonathan Pottharst*) On the parity conjecture in finite-slope families, [arXiv:1410.5050](#).
- (2) (*Joint with Xinwen Zhu*) Cycles on modular varieties via geometric Satake, [arXiv:1707.05700](#).
- (3) (*Joint with Ruochuan Liu, Nha Truong, and Bin Zhao*) Slope of modular forms and geometry of eigencurves, [arxiv:2302.07697](#).

Research Talks.

- A generalization of spectral halo conjecture, Conference on Number Theory at Jintan (8th National Number Theory Conference), June 27, 2021.
- Bloch–Kato conjecture for some Rankin–Selberg motives, Colloquium at Shanghai Center for Mathematical Sciences, June 22, 2021.
- Several questions on p -adic slopes of modular forms, Colloquium at Fudan University, June 21, 2021.
- Refined halo conjecture, HIT Workshop on Algebra and Number Theory, June 19, 2021.
- Bloch–Kato conjecture for some Rankin–Selberg motives, Number Theory seminar at ECNU (East China Normal University), June 17, 2021.
- Several questions on p -adic slopes of modular forms, KIAS (online), June 10, 2021.
- Several questions on p -adic slopes of modular forms, Number Theory Conference at Nanjing University, May 29, 2021.
- Slopes of modular forms and ghost conjecture of Bergdall and Pollack, Conference on Arithmetic Geometry Nanking 2021, February 25, 2021.
- A refined halo conjecture, Capital Normal University (online), November 18, 2020.
- Slopes of modular forms and related questions, Suzhou University (online), November 7, 2020.
- Slopes of modular forms and ghost conjecture of Bergdall and Pollack, online workshop on *Serre weights conjectures and geometry of Shimura varieties*, at Centre de Recherches Mathématiques, Montréal, September 3, 2020.

- Slopes of modular forms and ghost conjecture of Bergdall and Pollack, Harvard University, December 11, 2019.
- Bloch–Kato conjecture for some Rankin–Selberg motives, University of Laval, November 22, 2019.
- A refined halo theorem, Quebec–Vermont Number theory seminar, November 21, 2019.
- Two talks on cycles on special fiber of Shimura varieties, workshop on *Geometric realizations of Jacquet–Langlands correspondences*, American Institute of Mathematics, November 12 and 13, 2019.
- On the slopes of modular forms, Paris–Peking–Tokyo Seminar, October 16, 2019.
- Cycles on Shimura varieties via geometric Satake, Tsinghua University, October 14, 2019.
- Tate cycles on special fibers of Shimura varieties, Tsinghua University, October 11, 2019.
- On the ghost conjecture of Bergdall and Pollack, *The p -adic Langlands programme and related topics*, at King’s College London, May 2019.
- AIM SQuaRE: geometry of Shimura varieties and arithmetic applications to L-functions, American Institute of Mathematics, San Jose, CA, April 2019.
- Bloch–Kato conjecture for some Rankin–Selberg motives, UC Berkeley, April 2019.
- Bloch–Kato conjecture for some Rankin–Selberg motives, Binghamton University, February 2019.
- Bloch–Kato conjecture for some Rankin–Selberg motives, Ohio State University, February 2019.
- Basic locus of Shimura varieties and application to Tate conjecture, Johns Hopkins University, November, 2018.
- On the Beilinson–Bloch–Kato conjecture in the unitary Gan–Gross–Prasad paradigm, University of Maryland, November 2018.
- An analogue of Ihara’s lemma for some even unitary groups and application, *The joint International Meeting of the Chinese Mathematical Society and the American Mathematical Society*, June 2018.
- Vector-valued conjugate-invariant functions on a semisimple group, University of Connecticut, April 2018.
- Slopes of modular forms and ghost conjecture of Bergdall and Pollack, Arkansas Spring Lecture Series, April 2018.
- AIM SQuaRE: geometry of Shimura varieties and arithmetic applications to L-functions, American Institute of Mathematics, San Jose, CA, April 2018.
- Slopes of modular forms and ghost conjecture of Bergdall and Pollack, *32nd Automorphic Forms Workshop*, Tufts University, April 2018.
- Cycles on the special fiber of some Shimura varieties and Tate conjecture, John Hopkins University, March 2018.
- Cycles on the special fiber of some Shimura varieties and Tate conjecture, University of Chicago, January 2018.
- Cycles on the special fiber of some Shimura varieties and Tate conjecture, Northwestern University, January 2018.
- Cycles on the special fiber of some Shimura varieties and Tate conjecture, University of Toronto, January 2018.
- Supersingular locus of Shimura variety for $G(U(1, n) \times U(n, 1))$ and Tate conjecture, *Workshop on unitary Shimura varieties*, Centre de Recherches Mathématiques, Montreal, Canada, January 2018.
- Some remarks on the ghost conjecture of Bergdall and Pollack, *2017 Maine–Québec Number Theory Conference*, University of Maine, October 2017.

- Cycles on Shimura varieties via geometric Satake, Beijing International Center of Mathematical Research, Beijing, August 2017.
- Slopes of modular forms and ghost conjecture, UC Irvine, April 2017.
- AIM SQuaRE: geometry of Shimura varieties and arithmetic applications to L-functions, American Institute of Mathematics, San Jose, CA, March 2017.
- Cycles on Shimura varieties mod p and Tate conjecture, Joint COLUMBIA-CUNY-NYU Number Theory Seminar, December 2016.
- Eigencurves for Artin–Schreier–Witt tower and Igusa tower., *AMS Sectional meeting*, Minneapolis, MN, October 2016.
- On the ghost conjecture of Bergdall and Pollack, Morningside Center, China, August 2016.
- On the ghost conjecture of Bergdall and Pollack, l’ENS de Lyon, France, June 2016.
- Basic locus of some Shimura varieties mod p and Tate Conjecture, *Rencontres Arithmétiques de Caen 2016*, Caen, France, June 2016.
- On the ghost conjecture of Bergdall and Pollack, Université de Paris 13, May 2016.
- On the ghost conjecture of Bergdall and Pollack, *p -adic Langlands 2016*, University of Indiana, May 2016.
- Slopes of cohomology of Artin–Schreier–Witt towers, Wesleyan University, September 2015.
- Eigencurve over the boundary of the weight space, University of Buffalo, September 2015.
- Eigencurve over the boundary of the weight space, University of Chicago, May 2015.
- Eigencurve over the boundary of the weight space, Boston University, April 2015.
- Cycles on the special fiber of Shimura varieties, *UMD–JHU Algebra and Number Theory Day*, March 2015.
- Eigencurve over the boundary of the weight space, Princeton University, February 2015.
- Supersingular locus of Hilbert modular variety and Tate conjecture, University of Maryland, February 2015.
- A generalization of gram determinant for periodic meanders, University of Connecticut, Storrs, January 2015
- Eigencurve over the boundary of the weight space, Caltech, January 2015.
- Eigencurve over the boundary of the weight space, University of California at Irvine, January 2015.
- Slopes of modular forms, BC–MIT number theory seminar, September 2014.
- Slopes of modular forms, University of California at Irvine, May 2014.
- Galois representations and torsion in the cohomology of Hilbert modular varieties, University of California at San Diego, April 2014
- Slopes of the eigencurve over boundary disks, University of Chicago, February 2014.
- Slopes of the eigencurve over boundary disks, Northwestern University, February 2014.
- Supersingular loci and Tate conjecture for some Shimura varieties mod p , M.I.T., February 2014.
- Galois representations and torsion in the cohomology of Hilbert modular varieties, Boston University, September 2013.
- Cycles on the special fiber of Hilbert modular varieties, University of Connecticut at Storrs, September 2013.
- Goren–Oort stratification of Hilbert modular varieties and Tate conjecture, University of California at Los Angeles, May 2013.
- Goren–Oort stratification of Hilbert modular varieties and Tate conjecture, University of California at San Diego, May 2013.
- Goren–Oort stratification of Hilbert modular varieties and Tate conjecture, Caltech, April 2013.

- Goren–Oort stratification of Hilbert modular varieties and Tate conjecture, University of California at Berkeley, April 2013.
- Goren–Oort stratification of Hilbert modular varieties, University of California at Irvine, April 2013.
- Goren–Oort stratification of Hilbert modular varieties, University of Illinois at Chicago, March 2013.
- Goren–Oort stratification of Hilbert modular varieties and Tate conjecture, Princeton University, March 2013
- Goren–Oort stratification of Hilbert modular varieties, Michigan State University, February 2013.
- Goren–Oort stratification of Hilbert modular varieties, University of Chicago, December 2012.
- Ekedahl–Oort stratification and classicality of overconvergent automorphic forms, *Arithmetic Geometry and Automorphic Form*, Morningside Center, China, August 2012.
- Global triangulation over eigenvarieties, *Arithmetic Geometry week in Tokyo*, June 2012.
- Global triangulation over eigenvarieties, *Second Annual Upstate Number Theory Conference*, Rochester University, April 2012.
- On the parity conjecture for Selmer groups of modular forms, Purdue University, February 2012.
- On the parity conjecture for Selmer groups of modular forms, Northwestern University, February 2012.
- On the parity conjecture for Selmer groups of modular forms, University of Texas at Austin, February 2012.
- On the parity conjecture for Selmer groups of modular forms, University of Indiana at Bloomington, January 2012.
- On the parity conjecture for Selmer groups of modular forms, University of California at Irvine, January 2012.
- On family versions of some arithmetic conjectures, *Arithmetic geometry and representation theory*, Institute for Advanced Study, Hong Kong University of Science and Technology, December 2011.
- Computing log-characteristic cycles using ramification theory, Boston College, December 2011.
- On the parity conjecture for Selmer groups of modular forms, University of Minnesota, December 2011.
- On the parity conjecture for Selmer groups of modular forms, Iowa State University, December 2011.
- On the parity conjecture for Selmer groups of modular forms, MIT, November 2011.
- Global triangulation on the eigencurve, Boston University, November 2011.
- On the parity conjecture for Selmer groups of modular forms, University of Illinois at Chicago, November 2011.
- On family versions of some arithmetic conjectures, University of Chicago, November 2011.
- Lecture series: *Euler Systems*, Morningside Center, China, Summer 2011.
- Computing log-characteristic cycles using ramification theory, *Memorial Lecture and Conference*, Chicago, April 2011.
- Computing log-characteristic cycles using ramification theory, University of Wisconsin at Madison, April 2011.
- Computing log-characteristic cycles using ramification theory, *AMS Special Session*, March 2011.

- Computing log-characteristic cycles using ramification theory, *Midwest Number Theory Conference for Graduate Students and Recent PhD's*, November 2010.
- Computing log-characteristic cycles using ramification theory, *Berkovich Spaces and p -adic Differential Equations*, IRMA Strasbourg, France, November 2010.
- Cohomology of (φ, Γ) -modules and application, Beijing Normal University, China, September 2010.
- Lecture series: *Introduction to p -adic Hodge Theory*, Morningside Center, China, Summer 2010.
- Ramification theory and p -adic differential modules, Northwestern University, May 2010.
- Slope filtration d'après Kedlaya, University of Chicago, May 2010.
- Non-archimedean differential modules and ramification theory (poster), *Journées de Géométrie Arithmétique de Rennes*, Rennes, France, July 2009.
- Ramification theory and p -adic differential modules, Nottingham University, May 2009.
- Ramification theory and p -adic differential modules, Columbia University, February 2009.
- Ramification theory and its application to algebraic geometry, MIT STAGE, October 2008.
- Ramification theory for local fields with imperfect residue field, MIT STAGE, November 2007.
- Semistable reduction in p -adic cohomology, MIT STAGE, March 2007.
- Conductors of Galois representations à la Colmez, MIT STAGE, November 2006.
- p -adic modular forms (after Katz), MIT STAGE, September 2006.
- An introduction to algebraic fundamental groups, MIT BAGS, April 2006.
- p -divisible groups, MIT STAGE, March 2006.

Lecture Series.

- *p -adic functions on \mathbb{Z}_p* , Connecticut Summer School in Number Theory 2020.
- *Basic Algebraic Number Theory*, Connecticut Summer School in Number Theory 2018.
- *A modern introduction to Taylor–Wiles–Kisin modularity lifting theorem*, at Peking University, summer 2016.
- *Introduction to the local-global principle*, Connecticut Summer School in Number Theory 2016.
- *From Dirichlet Theorem to Class Number Formula*, REU program at University of Chicago, summer 2012.
- *Euler systems*, Morningside Center of Mathematics, Beijing, summer 2011.
- *Introduction to p -adic Hodge theory*, Morningside Center of Mathematics, Beijing, summer 2010.

Synergistic Activities.

- Co-organize “West Lake Number Theory Conference”, October 29–November 1, 2020.
- Co-organize a workshop “Euler systems” at AMS Sectional Meeting at the University of Connecticut, Hartford, CT; on April 13, 2019.
- Co-organized the summer school on Gan–Gross–Prasad cycles and Beilinson–Bloch–Kato conjecture for Rankin–Selberg motives, at Morningside Center of Mathematics, China, July 9–20, 2018.
- Co-organized the summer school on Gan–Gross–Prasad conjecture, at Beijing International Center of Mathematical Research, China, June 25–29, 2018.
- Co-organized the *Connecticut Summer School in Number Theory 2018*, at University of Connecticut, Storrs, on May 28–June 3, 2018.
- Organize University of Connecticut Algebra Seminar, Fall 2017–Spring 2018.

- Co-organizing a workshop “ p -adic aspect of arithmetic geometry” at AMS Sectional Meeting at the University of Buffalo, NY; on September 16–17, 2017.
- Co-organized a conference “ p -adic Hodge Theory and Automorphic Forms” at Beijing International Center of Mathematical Research, China, June 5–9, 2017.
- Co-organized the *Number Theory Days at UConn*, held at the University of Connecticut, Storrs, CT, on March 30, 2017; April 11, 2018.
- Co-organize the *Connecticut Summer School in Number Theory 2016* and *Conference on elliptic curves, modular forms, and related topics*, held at University of Connecticut, Storrs, CT, on August 8–14, 2016.
- Co-organize University of California Irvine Number Theory Seminar, Spring 2013–Spring 2014.
- Co-organize a workshop on *local proof of local Langlands correspondence*, held at University of Illinois at Chicago, IL, on May 12–13, 2012.
- Co-organize University of Chicago Number Theory Seminar.
- Refereed articles for the following journals:
 - *Algebra and Number Theory*
 - *Bulletin of the London Mathematical Society*
 - *Canadian Journal of Mathematics*
 - *Compositio Mathematica*
 - *Duke Mathematical Journal*
 - *International Mathematics Research Notices*
 - *Inventiones Mathematicae*
 - *Journal de l’Institut de Math. de Jussieu*
 - *Journal de Théorie des Nombres de Bordeaux*
 - *Journal für die reine und angewandte Mathematik*
 - *Journal of Algebraic Geometry*
 - *Journal of American Mathematical Society*
 - *Mathematische Annalen*
 - *Milan Journal of Mathematics*
 - *Proceeding of the London Mathematical Society*
 - *Research in Number Theory*
 - *Transactions of the American Mathematical Society*
- Reviewer for *Mathematics Reviews*.
- Reviewer for *Zentralblatt MATH*.

Teaching Experience.

- Fall 2023, Honors Algebra I, Peking University.
- Fall 2022, Honors Algebra I, Peking University.
- Fall 2021, Honors Algebra I, Peking University.
- Fall 2020, Topics in Number Theory: Fermat’s Last Theorem, Peking University.
- Fall 2018, Math 2210, Applied Linear Algebra, University of Connecticut, Storrs.
- Fall 2017, Math 2410, Elementary Differential Equations, University of Connecticut, Storrs.
- Spring 2017, Math 2410, Elementary Differential Equations, University of Connecticut, Storrs.
- Fall 2016, Math 2410, Elementary Differential Equations, University of Connecticut, Storrs.
- Spring 2016, Math 5320, Algebraic Geometry, University of Connecticut, Storrs.
- Fall 2015, Math 2410, Elementary Differential Equations, University of Connecticut, Storrs.
- Spring 2015, Math 5020, Topics in Algebra: Introduction to p -adic Numbers, University of Connecticut, Storrs.

- Fall 2014, Math 5230 Algebraic Number Theory, University of Connecticut, Storrs.
- Spring 2014, Math 232C Algebraic Number Theory, University of California at Irvine.
- Winter 2014, Math 232B Algebraic Number Theory, University of California at Irvine.
- Fall 2013, Math 232A Algebraic Number Theory, University of California at Irvine.
- Spring 2013, Math 121B Linear Algebra, University of California at Irvine.
- Winter 2013, Math 25400 Basic Algebra I, and Math 25500 Basic Algebra II, University of Chicago.
- Spring 2012, Math 25500 Basic Algebra II, and Math 25600 Basic Algebra III, University of Chicago.
- Fall 2011, Math 19620 Linear Algebra, University of Chicago.
- Spring 2011, Math 25500 Basic Algebra II, and Math 25600 Basic Algebra II, University of Chicago.
- Winter 2010, Math 19900 Introduction to Analysis and Linear Algebra, and Math 25400 Basic Algebra I, University of Chicago.
- Spring 2010, Math 16300 Honors Calculus III, University of Chicago.
- Winter 2009, Math 16200 Honors Calculus II, and Math 26200 Point Set Topology, University of Chicago.
- Fall 2008, Recitation for 18.01 Calculus, MIT.
- Spring 2007, Recitation for 18.03 Differential Equations, MIT.

Postdoc mentored.

- Zhiyou Wu
- Marc Besson
- Bin Zhao (2015–2018 at UConn; now at Morningside Center of Mathematics)
- Chan-Ho Kim (co-mentored at UC Irvine; now at KIAS)

Ph.D. students.

- Rufe Ren (2017 co-advised, Associated Professor at Fudan University);
- Nha Truong (2020, postdoc at Univ. Hawaii);
- Linli Shi (current co-advising, at UConn);
- Ruiqi Bai (current, at Peking University)
- Jiawei An (current, at Peking University)
- Deding Yang (current, at Peking University)
- Wenxuan Qi (current, at Peking University)
- Haocheng Fan (current, coadvising, at Peking University)
- Jiahong Yu (current, at Peking University)
- Tian Qiu (current, coadvising, at Peking University)
- Xiangqian Yang (current, at Peking University)
- Huishi Yu (current, coadvising, at Peking University)
- Jiachen Chen (current, at Peking University)
- Zhanhao Yu (current, at Peking University)

Master's students.

- Hongze Tan (current, at Peking University)
- Zhichao Feng (current, at Peking University)

Undergraduates supervised.

- Undergraduate thesis at PKU: Guodong Xi (2020), Deding Yang (2020), Wenxuan Qi (2021), Qing Qi (2021), Tian Qiu (2021), Daming Zhou (2021), Xiangqian Yang (2022),

Huishi Yu (2022) Wenhan Dai (2023) Zeyu Wang (2023) Zhanhao Yu (2023) Xingzhu Fang (2024) Hang Chen (2024).

- UC Irvine Undergraduate research project: Craig Skeinke.
- UConn senior thesis: William Pettinico.
- MIT Undergraduate Research Opportunity Program, Fall 2008: Hansheng Diao.
- MIT Research Science Institute, Summer 2008: Edwards Miles, Sung-hun Song.

Personal Information. Born: September 1982
Citizenship: China

Last update June 2024