

Curriculum Vita of Shizhang Li

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PERSONAL DATA

Date of Birth: February 8th, 1992
Citizenship: China

EDUCATION

Columbia University (New York City, New York, United States)
Doctor of Philosophy in Mathematics, September 2014 — May 2019 (expected)
Advisor: Aise Johan de Jong

Zhejiang University (Hangzhou, Zhejiang, China)
Bachelor of Science in Mathematics, September 2010 — June 2014

PAPERS AND PREPRINTS

5. An example of liftings with different Hodge numbers, [arXiv](#).
4. Logarithmic de Rham comparison for open rigid spaces (with Xuanyu Pan), [arXiv](#).
3. Line bundles on rigid varieties and Hodge symmetry (with David Hansen), [arXiv](#).
2. Semistable reduction for multi-filtered vector spaces, [arXiv](#).
1. On rigid varieties with projective reduction, [arXiv](#).

INVITED TALKS

- [Algebraic Geometry/Commutative Algebra Seminar](#)
University of Notre Dame, March 20th, 2019
- [PU + IAS Algebraic Geometry Seminar](#)
IAS, February 18th, 2019
- [Columbia Algebraic Geometry Seminar](#)
Columbia University, February 15th, 2019

- Algebraic Geometry Seminar
Stony Brook, December 5th, 2018
- Algebra/Topology Seminar
SUNY at Albany, November 15th, 2018
- Algebra and Geometry Seminar
Caltech, October 29th, 2018
- Algebraic Geometry Seminar and Algebraic Geometry Seminar
University of Minnesota, October 25th—26th, 2018
- Boston University Number Theory Seminar
Boston University, October 22nd, 2018
- Colloquium and Geometry Seminar
University of Kansas, October 11th, 2018
- Three talks on rigid geometry
HKUST, December 18th-20th, 2017

CONFERENCES AND WORKSHOPS ATTENDED

- Arithmetic Geometry in Carthage
Tunisian Academy Beit al-Hikma, June 17th—28th, 2019
- Hot Topics: Recent Progress in Langlands Program
MSRI, April 8th—April 12th, 2019
- Algebraic Geometry Northeastern Series Spring 2019
University of Massachusetts Amherst, March 22nd—March 24th, 2019
- Arizona Winter School 2019: Topology and Arithmetic
University of Arizona, March 2nd—March 6th, 2019
- Algebraic Geometry Northeastern Series Fall 2018
Brown University, September 21st—September 23rd, 2018
- Algebraic Geometry Northeastern Series Spring 2018
Rutgers University, April 13th—April 15th, 2018
- Arbeitsgemeinschaft: Topological Cyclic Homology
Mathematisches Forschungsinstitut Oberwolfach, April 1st—April 7th, 2018
- Algebraic Geometry Northeastern Series Fall 2017
Northeastern University, October 13th—October 15th, 2017
- Stacks Project Workshop
University of Michigan in Ann Arbor, July 31st—August 4th, 2017

- Algebraic Geometry Northeastern Series Spring 2017
SUNY Stony Brook, April 21st—April 23rd, 2017
- Arbeitsgemeinschaft: Higher Gross Zagier Formulas
Mathematisches Forschungsinstitut Oberwolfach, April 2nd—April 8th, 2017
- Arizona Winter School 2017: Perfectoid Spaces
University of Arizona, March 11th—March 15th, 2017
- Algebraic Geometry Northeastern Series Fall 2016
University of Massachusetts Amherst, November 4th—November 6th, 2016
- Algebraic Geometry Northeastern Series Spring 2016
Yale University, April 8th—April 10th, 2016
- Algebraic Geometry Northeastern Series Fall 2015
Brown University, October 2nd—October 4th, 2015
- AMS Summer Institute in Algebraic Geometry 2015
University of Utah, July 20th—July 31st, 2015
- Algebraic Geometry Northeastern Series Spring 2015
Boston College, March 20th—March 22nd, 2015
- Arizona Winter School 2015: Arithmetic and Higher-Dimensional Varieties
University of Arizona, March 14th—March 18th, 2015
- Algebraic Geometry Northeastern Series Fall 2014
University of Pennsylvania, October 31st—November 2nd, 2014

TALKS IN STUDENT SEMINARS

- Pro-étale versus weakly étale
Topologies and descent, September 28th, 2018
- Relative de Rham—Witt complex
Seminar on integral p-adic Hodge Theory, July 12th, 2018
- Breuil—Kisin—Fargues modules (continued)
Seminar on integral p-adic Hodge Theory, June 21st, 2018
- Breuil—Kisin—Fargues modules
Seminar on integral p-adic Hodge Theory, June 14th, 2018
- Almost Purity and Primitive Comparison
Seminar on integral p-adic Hodge Theory, May 24th, 2018
- Background
Seminar on integral p-adic Hodge Theory, May 17th, 2018

- Crystalline Site, Crystalline Cohomology, de Rham Cohomology
Seminar on Crystalline Cohomology, February 6th, 2018
- Divided Powers and Crystalline Cohomology
Seminar on Crystalline Cohomology, January 30th, 2018
- Hitchin moduli space for general linear groups, and spectral curves
Seminar on Geometry of Fundamental Lemmas, October 11th, 2017
- A nontrivial étale covering space of P^1
Seminar on Examples in Algebraic Geometry, September 29th, 2017
- Good reduction of abelian varieties
Seminar on Classic Papers in Algebraic Geometry, July 18th, 2017
- Cohomology of Drinfeld moduli spaces
Seminar on Langlands Program, May 3rd, 2017
- On Bhatt—Schnell—Scholze
Seminar on Beilinson—Bernstein—Deligne, April 25th, 2017
- Algebraic theory of Drinfeld modules
Seminar on Langlands Program, April 12th, 2017
- Pro-almost-zero or almost-pro-zero, that is the question
Seminar on Direct Summand Conjecture, March 31st, 2017
- The almost faithfully flat thingamabob of Yves André
Seminar on Direct Summand Conjecture, February 24th, 2017
- Néron models and reduction theorems
Seminar on Mordell Conjecture, February 16th, 2017
- Introduction to the decomposition theorem
Seminar on Beilinson—Bernstein—Deligne, January 17th, 2017
- Néron—Severi groups under specialization
Seminar on Poonen's Work, October 28th, 2016
- Siegel units and Euler systems in K_2 of modular curves
Seminar on Kato's Euler Systems, September 22nd, 2016
- Introduction; Differentials and the de Rham complex
Seminar on Deligne—Illusie, September 6th, 2016
- Schlessinger's theorem
Seminar on FGA Explained, March 22nd, 2016
- The specialization theorem
Seminar on Stable Rationality, February 12th, 2016

- Semi-continuity and base change
Seminar on FGA Explained, February 9th, 2016
- On large rank of elliptic curves
Seminar on Tate Conjecture, December 11th, 2015
- Sketch of Deligne's proof of the Riemann hypothesis
Seminar on Étale Cohomology, December 1st, 2015
- Proper base change; Cohomology with proper support
Seminar on Étale Cohomology, October 13th, 2015
- Hodge structures and polarizations
Seminar on Hodge Theory, April 6th, 2015