

# Curriculum Vitæ

Weizhe Zheng

## Contact Information

Columbia University, Mathematics, 2990 Broadway, MC 4406  
New York, NY 10027, USA  
+1-212-854-3003  
zheng@math.columbia.edu

## Personal Information

Born in August 1984 in Beijing. Chinese citizen.

## Education

- 2007 Ph.D., *très honorable*, Université Paris-Sud 11.  
Thesis advisor: Luc Illusie.
- 2005 Master's Degree, *très bien*, Université Paris-Sud 11.
- 2003 Bachelor's Degree, Tsinghua University, Beijing.

## Position

2008– Ritt Assistant Professor, Columbia University, New York.

## Research Interests

Algebraic Geometry: algebraic stacks, independence of  $\ell$ , ramification theory.

## Publications

- Sur l'indépendance de  $l$  en cohomologie  $l$ -adique sur les corps locaux, *Ann. Sci. Éc. Norm. Supér. (4)* **42** (2009), 291–334.
- Sur la cohomologie des faisceaux  $l$ -adiques entiers sur les corps locaux, *Bull. Soc. Math. France* **136** (2008), 465–503.
- (with J. Yang) On a theorem of Chowla, *J. Number Theory* **106** (2004), 50–55.

## Preprints

- (with L. Illusie) Odds and ends on finite group actions and traces, [arXiv:1001.1982](#), to appear in *Int. Math. Res. Not.*
- Bounded complexes on Deligne-Mumford stacks, [arXiv:1006.3810](#).

## Teaching

- Graduate: Algebraic Number Theory, Algebraic Geometry, Abelian Varieties
- Undergraduate: Linear Algebra, Calculus III