

# CURRICULUM VITA

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## CONTACT INFO

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## INTERESTS

Algebraic Geometry and Toric Code

## EDUCATION

2007-2009 Exchange visiting student in Mathematics, University of Illinois at Chicago, and PH.D. Graduate Student of ECNU.  
USA; Thesis: "TBA", advisor Stephen. Yau (May 2009).  
2004-2007 M.S. in Mathematics, East China Normal University, Shanghai, P. R. China, advisor Zhijie Chen & Shengli tan.  
1998-2004 B.S. in Mathematics, Guangzhou University.

## APPOINTMENTS

2002,7-2004,9 Lecturer at Guangzhou No.6 high school.

## List of Publications

1. Notes on classification of toric surface codes of dimension 5 (with Stephen S.-T. Yau), *Applicable Algebra in Engineering, Communication and Computing*, 20 (2009), 175-185.

2. Classification of Gradient Space of Dimension 8 With a Reducible  $sl(2, \mathbb{C})$  action (with Yung Yu and Stephen S.-T. Yau) 44pp. Science in China Series A: Mathematics 2009, Vol. 52, No. 1-35.
3. ON THE PARAMETERS OF TWO SPECIAL TORIC SURFACE CODES (with Ping Zhang), 9 pp. To appear at .Chinese Annals of Mathematics, Series A and C.
4. Lojasiewicz Inequality For Weighted Homogeneous Polynomial With Isolated Singularities (with Shengli Tan and Stephen S.-T. Yau), 12pp. To appear at Proceeding of AMS .
5. Biggest Sharp Polynomial Estimate of Integral Points in Right-angled Simplices (with Linda Zhao and Stephen S.-T. Yau), 43 pp. To appear at Contemporary Mathematics.

### **TALKS**

1. K3 surface and Torelli theorem, Algebra Geometry seminar, ECNU, spring, 2007
2. Normal 2 dimensional singularities, Graduate Student Algebra Geometry seminar, University of Illinois at Chicago, spring, 2008
3. Introduction to toric variety, The UIC Algebraic Geometry Seminar , University of Illinois at Chicago, spring, 2008
4. Moduli of Curve, Graduate Student Algebra Geometry seminar, University of Illinois at Chicago, fall, 2008

### **CONFERENCES**

1. Conference on algebraic Geometry, Fu dan university September 14 - September 16, 2005
2. Forum about Chinese Mathematic and Eduction, Zhejiang university, Hangzhou 6.30-7.2 2006
3. Summer school at East China Normal University, summer, 2006
4. The Second Chinese-German Conference ” Komplexe Geometrie (Complex Geometry)” East China Normal University, Shanghai, China September 11 - September 16, 2006

5. The 10th National Conference on Algebra, Xiamen October 22 - October 27, 2006
6. Summer school at East China Normal University, summer, 2007
7. Midwest Number Theory Days, University of Illinois at Chicago, March 7-8 2008
8. A Conference to celebrate Robin Hartshorne's 70th birthday, University of Illinois at Chicago, April 11-13 2008
9. 2nd Bluegrass Algebra Conference, Department of Mathematics University of Kentucky Lexington, March 6-8, 2009

### **AWARDS**

1. Excellent graduate student scholarship at East China Normal University 2005

### **TEACHING EXPERIENCE**

1. College Algebra.
2. Calculus.