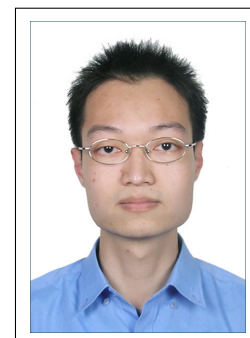


Yongqi LIANG

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Personal Information

Name SURNAME Yongqi LIANG
Birth 9 May 1982, Guangdong, China
Nationality Chinese
Webpage <http://www.imj-prg.fr/~yongqi.liang>

Employment

09/2012- **Associate Professor** - tenured since 09/2013 (**Maitre de Conférences**), *Université Paris Diderot - Paris 7, Institut de Mathématiques de Jussieu, France.*
10/2011-09/2012 **Researcher and Teaching assistant (ATER)**, *Université Paris-Sud 11, Orsay, France.*

Diplomas

09/2008-10/2011 **Ph. D. in Arithmetic and Algebraic Geometry**, *Université Paris-Sud 11, Orsay, France, Advisor: David Harari.*
09/2006-06/2008 **Master in Pure Mathematics**, *Padova University and Université Paris-Sud 11 Orsay (ALGANT Program), Italy and France, Advisor: David Harari.*
08/2005-09/2006 **Master in Pure Mathematics**, *Institute of Mathematics - Chinese Academy of Sciences, Beijing, China, Advisor: Fei XU.*
09/2001-07/2005 **Bachelor of Sciences**, *Department of mathematics and statistiques, Wuhan University, China.*

Financial supports, Scholarships, and Distinctions

2014-2018 **Prime d'encadrement doctoral et de recherche (Research and PhD supervision subsidy)**, *Université Paris 7, Paris, France.*
2008-2011 **Allocation de recherche** (Research Fellowship), *Université Paris-Sud 11, Orsay, France.*
2006-2008 **ALGANT scholarship of Erasmus program**, *Padova Italy and Orsay France.*
2002, 2003, 2004 **Scholarship People**, *Wuhan University, China.*
2002, 2003, 2004 **Scholarship Pure Mathematics**, *Wuhan University, China.*

Languages

- Chinese (native)
- Cantonese (native)
- English (sufficient for math and daily life)
- French (sufficient for math and daily life)

Teaching

2011-2012	Université Paris-Sud 11	Exercise session of Linear Algebra II & software MuPad	Math.-Phys.-Info. Undergraduate 2
		Exercise session of Linear Algebra I	Math.-Phys.-Info. Undergraduate 1
2012-2017	Université Paris Diderot - Paris 7	Direction of master thesis	Math. Master 2
		Direction of projects	Math.-Info. Undergraduate 3
		Exercise session of Arithmetic (ENS Cachan - course by M. Harris, by M. Hindry)	Math. Master 1
		Course/Exercise of Elementary algebra and analyse I	Math., Economic Undergraduate 1
		Exercise session of Fondamental algebra and analyse I	Economic Undergraduate 2
		Exercise session of Groups and Arithmetic	Math.-Info. Undergraduate 2
		Exercise session of Algebra II	Math.-Math.Education Undergraduate 3
		Exercise session of Analysis	Math.-Info. Undergraduate 3

Research Theme

- Arithmetics, Number Theory
- Arithmetic Algebraic Geometry

Ph. D. Thesis

defended on
4 October 2011

Principe local-global pour les zéro-cycles, *Très Honorable*. Available at <https://tel.archives-ouvertes.fr/tel-00630560>. Jury: David HARARI (thesis advisor), H el ene ESNAULT (president), Per SALBERGER (thesis reportor), Jean-Louis COLLIOT-TH EL ENE (examiner), Bruno KAHN (examiner), Olivier WITTENBERG (examiner); Bjorn POONEN (reportor).

Publications

- [1] **Principe local-global pour les z ero-cycles sur certaines fibrations au-dessus d'une courbe : I**, *Mathematische Annalen Volume 353, Issue 4 (2012), 1377-1398*, [link].
- [2] **Astuce de Salberger et z ero-cycles sur certaines fibrations**, *International Mathematics Research Notices Volume 2013, no. 3 (2013), 665-692*, [link].
- [3] **Arithmetic of 0-cycles on varieties defined over number fields**, *Annales Scientifiques de l' cole Normale Sup rieure 46, fascicule 1 (2013), 35-56*, [link].
- [4] **Principe local-global pour les z ero-cycles sur certaines fibrations au-dessus de l'espace projectif**, *Bulletin de la Soci t  Math matique de France 142, fascicule 2 (2014), 269-301*, [link].
- [5] (with Y. Cao) **Local-global principle for certain biquadratic normic bundles**, *Acta Arithmetica 164 (2014), 137-144*, [link].
- [6] **Towards the Brauer-Manin obstruction on varieties fibred over the projective line**, *Journal of Algebra, Volume 413 (2014), 50-71*, [link].
- [7] **The local-global exact sequence for Chow groups of zero-cycles**, *Mathematical Research Letters, Volume 22, no. 1(2015), 169-182*, [link].
- [8] **Local-global principle for 0-cycles on fibrations over rationally connected bases**, *Advances in Mathematics 297 (2016), 214-237*, [link].
- [9] **Approximation faible pour les 0-cycles sur un produit de vari t s rationnellement connexes**, *to appear in Mathematical Proceedings of the Cambridge Philosophical Society*, [arXiv].

Preprints

- [10] (with Yang Cao et Fei Xu) **Arithmetic purity theorems for strong approximation**, *available at arXiv:1701.07259*, [arXiv].

Organized Seminar

2008-2011 **Séminaire Mathjeunes** (an informal seminar for Ph. D. students), *Université Paris-Sud 11 Orsay*, co-founder and co-organizer (2008-2011) , <http://www.imj-prg.fr/~jie.lin/sm/Acceuil.html>.

Selected talks in seminars/conferences

- October 2016 **Séminaire de théorie des nombres**, *Inst. Math. Jussieu*, Paris, France.
- January 2016 **Conference on Algebraic Number Theory**, *Yau Mathematical Sciences Center*, Sanya, China.
- June 2015 **26-ème Rencontres Arithmétiques de Caen**, *Université de Caen*, Caen, France.
- February 2014 **Séminaire Variétés Rationnelles**, *I.H.P.*, Paris, France.
- July 2013 **Summer Workshop on Arithmetic Geometry**, *Tsinghua University*, Beijing, Chine.
- July 2013 **The Asian Mathematical Conference 2013**, Busan, Korea.
- June 2013 **Sino-French Conference on Arithmetic Geometry**, *Nankai University*, Tianjin, China.
- June 2013 **Young Mathematician Forum**, *Peking University*, Beijing, China.
- November 2012 **Séminaire de théorie des nombres**, *Bordeaux 1 University*, Bordeaux, France.
- October 2012 **Colloque Points entiers, points rationnels**, *Fourier Institute*, Grenoble, France.
- September 2012 **Rational and integral points-with special reference to homogeneous spaces**, *Capital Normal University*, Beijing, China.
- September 2012 **Workshop on Cohomological Methods in Arithmetic Geometry**, *Zürich University*, Zürich, Switzerland.
- April 2012 **Séminaire Algèbre Géométrie**, *Versailles Saint-Quentin-en-Yvelines University*, Versailles, France.
- March 2012 **Séminaire de théorie des nombres**, *Inst. Math. Jussieu*, Paris, France.
- November 2011 **Séminaire Variétés Rationnelles**, *E.N.S.*, Paris, France.
- June 2011 **Séminaire de géométrie algébrique**, *Université de Rennes 1*, Rennes, France.
- May 2011 **Ramification in Algebra and Geometry**, *Emory University*, Atlanta, United States.
- October 2010 **Séminaire Variétés Rationnelles**, *E.N.S.*, Paris, France.
- June 2010 **Géométrie Algébrique en Liberté XVIII**, Coimbra, Portugal.

Participation in Conferences/Summer schools

- July 2017 **Rational Points**, *Schloss Schney*, Germany.
- May 2017 **Emory conference on higher obstructions to rational points**, *Emory University*, Atlanta, United States.
- September 2016 **Rational Points and Algebraic Geometry**, *CIRM*, Luminy, France.
- May 2016 **Sino-French Conference in Algebraic and Arithmetic Geometry**, Bordeaux, France.
- July 2015 **AMS Summer Institute in Algebraic Geometry**, *University of Utah*, Salt Lake City, USA.
- May 2014 **Spring school on the fundamental group scheme and related topics**, Nice, France.
- July 2013 **The 6th International Congress of Chinese Mathematicians 2013**, Taipei, Taiwan.
- May 2012 **Rational Points & Rational Curves**, *E.T.H.*, Zürich, Switzerland.
- October 2011 **Bicentenaire de la naissance d'Évariste Galois**, *IHP*, Paris, France.
- August 2011 **École d'été: Schémas en Groupes**, *CIRM*, Luminy, France.
- March 2011 **Spring school on higher class field theory**, Mainz, Germany.
- June 2010 **Aspects arithmétiques des courbes rationnelles**, *Fourier Institute*, Grenoble, France.
- June 2009 **École d'été: Géométrie diophantine**, *IRMAR*, Rennes, France.
- January 2009 **Aspects de la géométrie algébrique : la postérité mathématique d'Alexander Grothendieck**, *IHES*, Bures-sur-Yvette, France.
- December 2008 **Quadratic forms, linear algebraic groups and Galois cohomology**, Hyderabad, India.