

YUN HAO (郝运)

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Education

- 2016.4–present **PhD (expected)**, *Arithmetic Geometry*, Berlin Mathematical School (BMS), Freie Universität, Berlin, Germany.
BMS Phase II study. My Thesis topic is “*Higgs-de Rham bundles on abelian varieties in positive characteristic*”. Supervisors: Prof. Hélène Esnault and Dr. Michael Gröchenig.
- 2013.10–2016.12 **M. Sc., Mathematics**, BMS, Humboldt Universität zu Berlin (2013.10–2014.3) & Freie Universität (2015.4–2016.12), Berlin, Germany .
BMS Phase I study completed in October 2015 with a grade of 1.3 (very good). Master’s degree obtained in December 2016 with a grade of 1.3 (very good). My Master thesis is titled “*Intersection of a Correspondence with a Graph of Frobenius*”. Supervisor: Prof. Hélène Esnault.
- 2009.8–2013.7 **B. Sc., Mathematics**, Xi’an Jiaotong University (XJTU), Xi’an, China.

Conferences and Schools

- 2018.4 **Crystals and Geometry in Characteristic p** , *Technische Universität München*, Munich, Germany.
- 2018.2 **Winter school and workshop: Riemann-Hilbert Correspondences**, *Università degli Studi di Padova*, Padua, Italy.
- 2017.10 **Autumn school: Topics in arithmetic and algebraic geometry**, *Johannes Gutenberg-Universität Mainz*, Mainz, Germany.
- 2017.8 **Motives for periods**, *Freie Universität Berlin*, Berlin, Germany.
- 2017.7 **Higgs Bundles, K3 Surfaces and Moduli**, *Humboldt Universität zu Berlin*, Berlin, Germany.
- 2016.9 **School on Higgs Bundles and Fundamental Groups of Algebraic Varieties**, *Universität Duisburg-Essen, Campus Essen*, Essen, Germany.
- 2016.6 **Shimura Varieties**, *Leiden University*, Leiden, Netherlands.
- 2015.7 **AMS Summer Institute in Algebraic Geometry**, *University of Utah*, Salt Lake City, Utah, USA.
- 2013.2–2013.6 **Enhanced Program for Graduate Study**, *Peking University*, Beijing, China.
- 2010.6–2010.8 **Research Experience for Undergraduate Students**, *The University of Iowa*, Iowa City, IA, USA.

Honors & Awards

- 2016–present **BMS Phase II Scholarship**, BMS, Berlin, Germany.
- 2013–2015 **BMS Phase I Scholarship**, BMS, Berlin, Germany.
- 2011.3 **Meritorious Winner**, *Mathematical Contest in Modeling(MCM)*, the Consortium for Mathematics and Its Applications (COMAP).

Languages

- Chinese Native speaker
- English Fluent
- French be able to read mathematical literatures.