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Education

- 2016.4-2019.8 Dr. rer. nat, *Arithmetic Geometry*, Freie Universität, Berlin Mathematical School (BMS).
BMS Phase II study. Date of defense: May 20, 2019. Grade: *Magna cum laude*.
Thesis: *A Simpson correspondence for abelian varieties in positive characteristic*.
Supervisors: Hélène Esnault and Michael Gröchenig.
- 2013.10-2016.12 M. Sc., *Mathematics*, Humboldt Universität zu Berlin (2013.10-2014.3) & Freie Universität (2015.4-2016.12), BMS .
BMS Phase I study. Qualifying exam: Oct. 2015. Master's degree: Dec. 2016.
Grade: 1.3 (*very good*)
Thesis: *Intersection of a correspondence with a graph of Frobenius*.
Supervisor: Hélène Esnault.
- 2009.8-2013.7 B. Sc., *Mathematics*, Xi'an Jiaotong University (XJTU), Xi'an, China.

Publications/Preprints

- 1 A Simpson correspondence for abelian varieties in characteristic $p > 0$.
arXiv:1910.12405

Conferences & Schools

- 2019.9 *Motives and Stacks*, Universität Duisburg-Essen, Essen, Germany.
- 2019.7 *Arithmetic of connections*, Monte Verità, Ascona Switzerland.
- 2019.6 GAeL XXVII, IMAR, Bucharest, Romania.
poster presentation
- 2019.2-2019.5 *Derived Algebraic Geometry*, Program Associate, MSRI, Berkeley, CA, US.
Seminar talk: A Simpson Correspondence for Abelian Varieties in Characteristic $p > 0$.
- 2018.11 *Chow Lectures*: by Peter Scholze, MPI MiS, Leipzig, Germany.
poster presentation
- 2018.9 *Arithmetic of Differential Equations*, Ośrodek Kolonijno-Wczasowy Bajka, Łukęcin, Poland.
- 2018.9 *International summer school on Arithmetic geometry*, Università degli Studi di Salerno, Salerno, Italy.
- 2018.4 *Crystals and Geometry in Characteristic p* , TU München, Munich, Germany.
- 2018.2 *Riemann-Hilbert Correspondences*, Università degli Studi di Padova, Padua, Italy.
- 2017.10 *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 *Higgs Bundles and Fundamental Groups of Algebraic Varieties*, Universität Duisburg-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, UT, USA.
- 2013.2-2013.6 Enhanced Program for Graduate Study, Peking University, Beijing, China.

Teaching

- 2015.5-2015.7 Differential Geometry I, *tutorial sessions*, TU Berlin, Berlin, Germany.

References

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University of Toronto
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