

Dmitrii Krekov

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Born: November 8, 1996—Moscow, Russia

Nationality: Russian

Education

2010-2014 Moscow state school №57
2014-present Higher School of Economics (bachelor)

Course works

2014-2015 "Kronecker-Weber theorem", Supervisor: M. Finkelberg
2015-2016 " K_2 of rational numbers and Gauss Quadratic Reciprocity Law", Supervisor: M. Finkelberg
2016-2017 "Fields of Norms and Local Class Field Theory", Supervisor: S. Gorchinskiy

Participation in summer schools and conferences

- The 13-th summer school Modern mathematics, Dubna, Russia, 20-31 July, 2013
- The 14-th summer school Modern mathematics, Dubna, Russia, 19-30 July, 2014
- The 15-th summer school Modern mathematics, Dubna, Russia, 18-29 July, 2015
- The 16-th summer school Modern mathematics, Dubna, Russia, 19-30 July, 2016

Talks on conferences and seminars

- "Fields of norms" (after J.-M. Fontaine– J.-P.Wintenberger), Arithmetic Geometry seminar, IUM, Moscow, December 19, 2016
- "Fields of norms theory" (after J.-M. Fontaine– J.-P.Wintenberger), the Number Theory Day (students' conference), HSE, Moscow, September 20, 2017
- "Pro-étale site" (after P. Scholze), P-adic Hodge theory and Topological Hochschild Homology, Scoltech, Moscow, October 11 and IUM, Moscow, October 21, 2017
- "Perfectoid fields and tilting equivalence" (after P. Scholze), a series of expository talks, Arithmetic Geometry seminar, HSE, Moscow, during semester, 2017
- "Faltings' almost purity theorem" (after P. Scholze), Arithmetic Geometry seminar, HSE, Moscow, December 11 and December 18, 2017
- "Integer-valued polynomials" (after F. Petrov – V. Volkov), the Number Theory Day (students' conference), HSE, Moscow, December 27, 2017

Teaching

- Fall 2015-Spring 2016 Teaching assistant at the course "Algebra" for the 1-st year students under E. Smirnov
- Fall 2016 Teaching assistant at the minor "Mathematical structures" under V. Kirichenko, HSE
- Spring 2017 Teaching assistant at Galois theory course under M. Rovinsky, HSE
- Fall 2017 Teaching assistant at the course "Introduction to number theory" under V. Vologodsky, HSE
- Fall 2017-present Teaching assistant at Mathematical Analysis course under G. Merzon and I. Yashenko, school №57

Scientific interests

Arithmetic geometry • Number theory