

Nikita Kolesnikov

CONTACT INFORMATION	I. Kant BFU Nevskogo St. 14 236016 Kaliningrad, Russia	+79114694388 NiKolesnikov1@kantiana.ru https://crypto-kantiana.com/nikita.kolesnikov/
POSITIONS	Teaching assistant Immanuel Kant Baltic Federal University Institute of Physics, Mathematics and Information Technology	September 2019 - present
	PhD Candidate Immanuel Kant Baltic Federal University Institute of Physics, Mathematics and Information Technology	September 2018 - present
	Engineer TECHNICALSERVICE Ltd. Serzhanta Mishina str. 22A, room II 236010 Kaliningrad, Russia	april 2015 - present
RESEARCH INTERESTS	Algebraic geometry, hyperelliptic curve cryptography, number theory, linear algebra, coding theory, function fields.	
EDUCATION	Dipl. Math. I. Kant Baltic Federal University Kaliningrad, Russia	January 2018
	<ul style="list-style-type: none"> • Topic: <i>A family of linear codes construction based on a Galois closure of the GS Tower</i> • Advisor: Dr. Sergey Aleshnikov 	
CONFERENCE PUBLICATIONS	<ol style="list-style-type: none"> 1. N. S. Kolesnikov., S. A. Novoselov On the distribution of orders of Frobenius action on ℓ-torsion of abelian surfaces. The scientific journal "Applied Discrete Mathematics" ISSN 2311-2263 // issue 48, 2020, Submitted manuscript 2. N. S. Kolesnikov., S. A. Novoselov On the order of the Frobenius endomorphism action on ℓ-torsion subgroup of abelian surfaces. SibeCrypt 2019. 3. N. S. Kolesnikov., S. A. Novoselov Abelian surfaces over a finite field with prescribed Frobenius action on ℓ-torsion subgroup. XVII All-Russian Youth School-Conference "Lobachevsky readings-2018". 4. N. S. Kolesnikov. <i>On the local properties of plane algebraic curves in singular points</i>. IKBFU Days of science, Volume: 1, 91–98, 2014. 	
TEACHING EXPERIENCE	Lecturer Bachelor – Web programming with PHP I. Kant BFU	2018–2020
	Teaching Assistant Bachelor – Web programming with PHP I. Kant BFU	2018–2020

- AWARDS
- Euler Travel Grant (visit at the University of Leipzig) Feb. 2018
 - Erasmus+ International Credit Mobility (funded by the European Commission at Leipzig University) Apr.-Aug. 2019
- PRESENTATIONS
- On the order of the Frobenius endomorphism action on ℓ -torsion subgroup of abelian surfaces
SibeCrypt, Tomsk, Russia September 2019
 - Abelian surfaces over a finite field with prescribed Frobenius action on ℓ -torsion subgroup
Lobachevsky readings, Kazan, Russia November 2018
- LANGUAGES
- English (intermediate)
 - Russian (native)
- PROGRAMMING SKILLS
- Computer computations: Sage, Maple, Magma
 - Development for Web: PHP, HTML/CSS, JavaScript
 - Development for microcontrollers: MikroC, Assembler @PIC16