

NOVAK KALUĐEROVIĆ

Curriculum Vitae

EDUCATION

M.S. 110 cum laude, Sapienza - Università di Roma **2014 - 2016**

Average grade 29,93/30

The Number Field Sieve Thesis advisor: René Schoof

B.S. 110 cum laude, Sapienza - Università di Roma **2011 - 2014**

Average grade 28,95/30

The Three Squares Theorem Thesis advisor: Alessandro D'Andrea

RESEARCH INTERESTS

Algebraic geometry, algebraic and computational number theory, elliptic curves over finite fields, elliptic curve cryptography, lattice-based cryptography, isogeny-based cryptography, error correcting codes

HONOURS AND AWARDS

Montenegrin national scholarship for excellence **2015/2016**

A scholarship awarded by the Montenegrin ministry of education to its highest achieving students on foreign universities

Laziodisu scholarship **2015/2016**

Scholarship providing funding and full tuition waiver to students during their Masters degree studies

Laziodisu scholarship **2014/2015**

Scholarship providing funding and full tuition waiver to students during their Masters degree studies

Laziodisu premio di laurea **2014**

Award given to students with an exceptional grade upon graduation

Montenegrin scholarship for best national students **2013/2014**

A scholarship awarded to best Montenegrin students for academic year 2013/2014

Laziodisu scholarship **2013/2014**

Scholarship providing funding and full tuition waiver to students during their Bachelors degree studies

Laziodisu scholarship **2012/2013**

Scholarship providing funding and full tuition waiver to students during their Bachelors degree studies

TEACHING EXPERIENCE

Giving classes

2012-Present

Regularly teaches classes in linear algebra, calculus, analysis and combinatorics to high school and university level students.

"Path of Excellence" seminar

2015/2016

Held a seminar on the topic of primality testing algorithms under the supervision of prof. Alessandro Panconesi.

RESEARCH

Research group SIR-2014

2016/2017

Member of a research group that works on algorithms and lower bounds for ordering problems. Also working on some open problems in computational complexity theory.

SEMINARS AND CONFERENCES

ANTS XII - Kaiserslautern, Germany

2016

Algebraic Number Theory Symposium held on the topic of new results in number theory and applications in cryptography

Main speakers were Chris Peikert, Steven Galbraith, Shi Bai, Wei Ho, Henri Cohen

LANGUAGES

Serbian Native

English Fluent, TOEFL score 106

Italian Fluent

Russian Basic communication level

PROGRAMMING LANGUAGES

C, C++, Matlab, mySQL, L^AT_EX