

Razvan Barbulescu

Curriculum Vitae

PERSONAL DETAILS

Birth January 2, 1985
Address UPMC, 4, place Jussieu, Paris, barre 15-25, bureau 438
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EDUCATION

PhD. computer science (cryprography) 2011-2013

Université lorraine, Nancy

“Algorithms for finite field discrete logarithms”, supervisor Pierick Gaudry, laboratory Loria, Nancy. Awarded with the “Le monde” price for the best 5 PhD. thesis in science in French universities.

Agrégation de mathématiques 2009-2010

Ens de Lyon

option computer algebra

MSc. computer science 2008-2011

Ens de Lyon

mention : très bien

BSc. mathematics 2007-2008

Ens de Lyon

mention : bien

CPGE. mathematics-physics 2005-2007

Lycée Louis-le-Grand, Paris

received at École polytechnique, Ens de Lyon and Ens Cachan

WORK EXPERIENCE

Chargé de recherche Oct 2014-

CNRS

present

PostDoc Jan-Sep 2014

École polytechnique

laboratory Lix.

RESEARCH TOPIC

Computational number theory and cryptography. Interested in : attacks against cryptographic protocols of discrete logarithm, factorisation and pairings; selection of elliptic curves for the ECM algorithm; effective number theory in general.

TEACHING

Lectures since 2014 at Master Parisien de recherche informatique (MPRI) in the course “Arithmetic algorithms for cryptography”. Courses at Université Pierre et Marie Curie at BsC level (mathematical projects in python) and MsC level (agrégation de mathématique, option computer algebra and option informatics).

SCIENTIFIC VULGARISATION

Co-organiser of the Alkindi contest of cryptanalysis. Co-author of the 2015 edition of “5 chercheurs d’avenir”, Cédric Villani, published by Le Pommier. Activities at the university with the colleagues from UPMC.

TONGUES AND OTHER INFORMATIONS

<i>Languages</i>	Romanian (mother tongue)
	French (12 years of residency and citizenship)
	English (fluent)