

# ANCA NITULESCU

## Cryptography Researcher

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## EXPERIENCE

### Research Scientist

#### Protocol Labs

📅 Nov 2020 – Ongoing 📍 Anywhere

### Chief Cryptographer

#### Cosmian

📅 Nov 2019 – Oct 2020 📍 Paris, France

### Postdoc Researcher

#### Aarhus University

📅 Feb 2019 – Oct 2019 📍 Aarhus, Denmark

## PUBLICATIONS

- Stronger Security and Constructions for Multi-Designated Verifiers Signatures, *TCC 2020*  
I. Damgård, H. Haagh, R. Mercer, A. Nitulescu, C. Orlandi, S. Yakoubov
- Boosting Verifiable Computation on Encrypted Data, *PKC 2020*  
Dario Fiore, Anca Nitulescu, David Pointcheval
- Lattice-Based zk-SNARKs for Arithmetic Circuits, *Latincrypt 2019*  
Anca Nitulescu
- Lattice-Based zk-SNARKs from Square Span Programs, *CCS 2018*  
Rosario Gennaro, Michele Minelli, Anca Nitulescu, Michele Orru
- On the (In)security of SNARKs in the Presence of Oracles, *TCC 2016*  
Dario Fiore, Anca Nitulescu
- Robust Password-Protected Secret Sharing, *ESORICS 2016*  
Michel Abdalla, Mario Cornejo, Anca Nitulescu, David Pointcheval

## EDUCATION

### PhD in Cryptography

#### École Normale Supérieure (ENS)

📅 2015 – 2019 📍 Paris, France

### MSc in Computer Science

#### MPRI – University Paris 7

📅 2013 – 2014 📍 Paris, France

### BSc & MSc in Mathematics

#### University of Bucharest

📅 2008 – 2013 📍 Bucharest, Romania

## TEACHING

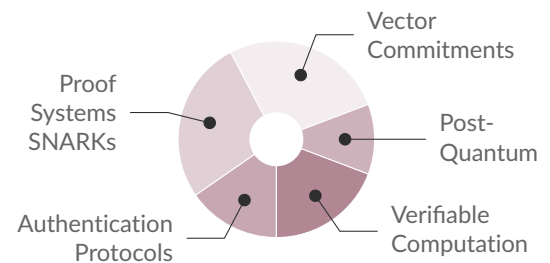
### Teaching Assistant in Mathematics

#### University Pierre et Marie Curie – UPMC Paris 6

📅 2015 – 2017 📍 Paris, France

Algebra, Arithmetics and Introduction to Cryptography

## AREAS OF INTEREST



## LANGUAGES

French ●●●●●

Romanian ●●●●●

English ●●●●●

Spanish ●●●●●

## STRENGTHS

- Problem Solving
- Eye for detail
- Communication skills
- Creativity
- Time Management
- Analytical thinking

## AWARDS

### PGSM: Laureat of Master Scholarship

#### Institut Henri Poincaré

📅 2013-2014 📍 Paris, France

### Olympiad Medal: Bronze Medal at National Mathematics Olympiad

📅 2005 📍 Romania

## ORGANIZER

### Eurocrypt Conference

#### International Conference on the Theory and Applications of Cryptographic Techniques

📅 September 2017 📍 Paris, France

## OTHER INTERESTS

Dance, theatre, arts, cinema, literature, gender equality, sustainability.