

# CURRICULUM VITAE

ANAMARIA COSTACHE

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## EDUCATION

- 09/2007–07/2010 International Option Baccalaureate at Lycée International de Ferney-Voltaire, France
- 10/2010–07/2014 Master in Mathematics at the University of Warwick, United Kingdom  
Specialization: Number Theory  
Thesis: *Brauer Groups*; Supervisor: Dr. D. Testa.
- Since 02/2015 Ph.D. in Computer Science, Cryptography at the University of Bristol, United Kingdom  
Supervisor: Prof. Nigel P. Smart  
Expected completion date: February, 2018.

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## PUBLICATIONS

*Which Somewhat Homomorphic Encryption Scheme is Best?*  
– Anamaria Costache and Nigel P. Smart

Published at CT-RSA 2016.

*Fixed Point Arithmetic in SHE Schemes* – Anamaria Costache and Nigel P. Smart and Srinivas Vivek and Adrian Waller

Published at SAC 2016.

*Faster Homomorphic Evaluation of Discrete Fourier Transforms* – Anamaria Costache and Nigel P. Smart and Srinivas Vivek

Published at FC 2017.

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## TEACHING

- 2013 - 2014 Supervisor to a group of first-year undergraduates, at the University of Warwick.
- 2015 - 2016 Teaching Assistant for the modules *Group Theory* and *Communication, Complexity and Number Theory*.

2016 - 2017      Teaching Assistant for the modules *Foundations and Proof*, *Group Theory* and *Communication and Complexity and Number Theory*.

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#### TALKS AND OTHER WORK EXPERIENCE

07/2011–08/2011    Internship at the European Council for Nuclear Research

Since 02/2015      Subreviewer for PKC 2016 and 2017, IFIP SEC 2017 and ESORICS 2017. Reviewer for ACM Computing Surveys.

03/02/2016        Presented *Which Somewhat Homomorphic Encryption Scheme is Best?* at CT-RSA 2016, in San Francisco.

30/11/2016        Invited seminar at Oxford University.

18/01/2017        Invited talk at the London Lattice Day at Imperial College.

02/2017            Invited talk at the Norwegian University of Science and Technology

04/2017            Presented *Faster Homomorphic Evaluation of Discrete Fourier Transforms* at FC 2017, in Sliema.

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#### VOLUNTEERING

08/2014-09/2014    Warwick in Africa participant

09/2013–present    Athena Swan member at the universities of Warwick and Bristol

Since 11/2015      STEM Ambassador

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#### LANGUAGE KNOWLEDGE

<b>Romanian</b>	native
<b>French</b>	fluent
<b>English</b>	fluent
<b>Spanish</b>	intermediate