

PERSONAL INFORMATION

MESSENG EKOSSONO Ange-Salomé



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MSc. in Mathematics

Sex Female | Date of birth 30/11/1987 | Nationality Cameroonian

WORK EXPERIENCE

01st September 2015 to Present

PhD student at University of Passau, Germany under Prof.Dr. Martin Kreuzer

Teaching-Assistant at University of Passau, Germany

- Cryptography, SS17, **Prof.Dr. Jens Zumbärgel**, Jens.Zumbraegel@uni-passau.de
- Algebra und Zahlentheorie 2, WS16/17, **Prof.Dr. Martin Kreuzer**, martin.kreuzer@uni-passau.de
- Logik für Informatiker, SS16, **Prof.Dr. Martin Kreuzer**, martin.kreuzer@uni-passau.de

15th Aug. 2014 – 13th June 2015

Teaching-Assistant at AIMS-SENEGAL

African Institute for Mathematical Sciences-Senegal, km2 route de Joal, centre IRD, P.O.Box 1418 M'bour, Senegal, www.aims-senegal.sn

- Providing general supports to the lecturers
- Helping the students to understand the courses by giving tutorials
- Repetition classes.
- Helping the students to understand their Master's thesis
- Giving an Introduction course on LATEX
- Giving a course in Linear Algebra

The Courses on which I was an Assistant

6th – 17th April 2015
 16th March – 5th April 2015
 23rd February – 15th March 2015
 26th January --15th Feb. 2015
 05th --25th January 2015
 05th --25th January 2015
 10th —30th November 2014
 13th October--02nd Nov. 2014
 15th September --02nd Oct. 2014

Cryptography, **Dr. Christophe Petit**, christophe.f.petit@gmail.com
 Number Theory, **Dr. Pedro Berrizbeitia**, pberrizbeitia@gmail.com
 Programming basic coding theory using C++ software, **Dr. Patrice Rabizzoni**, rabizzoni@gmail.com
 Graph Theory, **Prof. Vincent Rivasseau**, vincent.rivasseau@gmail.com
 Numerical Problem Solving, **Dr. Daouda Sangaré**, douda.sangare@aims-senegal.org
 Introduction to Number Theory, **Dr. Amadou Tall**, amadou.tall@aims-senegal.org
 Hilbert Space methods and Mathematical Physics, **Prof.dr. Peter Stollmann** peter.stollmann@mathematik.tu-chemnitz.de
 Algorithms and Complexity, **Prof. Naomi Nishimura**, nishi@uwaterloo.de
 Topology and Functional Analysis, **Prof. Ngalla Ndjitte**, ngalla.djitte@aims-senegal.org

EDUCATION AND TRAINING
August 2013 – June 2014

Master thesis in Mathematical Sciences

DISTINCTION
(Grade: more than 85%)

African Institute for Mathematical Sciences-Senegal, km2 route de Joal, centre IRD, B.P. 1418 M'bour, Senegal, www.aims-senegal.sn

September 2012 – June 2013

Master I in Mathematics

Good Passed

University of Yaounde I, Faculty of Sciences, P.O.Box 812, Yaounde-Cameroon www.uy1.unicet.cm

September 2007 – June 2012

Bachelor in Mathematics

Passed

University of Yaounde I, Faculty of Sciences, P.O.Box 812, Yaounde-Cameroon www.uy1.unicet.cm

September 2006 – June 2007

G.C.E.A-levels in Mathematics and Physics

Passed

Classical High School of Ayos , P.O.Box 29 Ayos-Cameroon

PERSONAL SKILLS

ADDITIONAL INFORMATION

Communication skills

Dedicated, disciplined sense of Respect through my experience as Teaching-Assistant
Honest and fair through my experience as a treasurer
Very high adaptability and team work through my experience at ORANGE
Enjoys sharing his knowledge with others through my experience in tutoring
Good communication skills gained through my experience as seller.

Computer skills

Good command of Sage (during my Master thesis at African Institute for Mathematical Sciences)
Good command of Python (during my Master thesis at African Institute for Mathematical Sciences)
Good command of Scilab (during my Master thesis at African Institute for Mathematical Sciences)
Good command of R (during my Master thesis at African Institute for Mathematical Sciences)
Good command of Programming (since University of Yaounde I)
Good command of Linux (during my Master thesis at African Institute for Mathematical Sciences)
Good command of Matlab (during my Master I at University of Yaounde I)
Good command of Maple (during my Master I at University of Yaounde I)
Good command of C (during my Bachelor at University of Yaounde I)
good command of office suite (word processor, spread sheet, presentation software)

- Presentations**
- Index Calculus for ECDLP at TU Chemnitz Wednesday, December 13, 2014
 - Algebraic Fault Attacks and the Border Basis Algorithm
- Poster**
- Project**
- Workshop**
- AFA project at University of Passau
- Fachgruppe Computeralgebra, Kassel 4.-6. Mai 2017 Germany
 - SC² 2016, Satisfiability Checking and Symbolic Computation, September 23-25, 2016, Timisoara, Romania
 - International School on Computer Algebra, February, 22-27 2016, IIT Gandhinagar
 - CIMPA School, Théorie des Nombres et Applications, Faculté des Sciences, Université Mohammed premier , Oujda, 18 -29 May 2015.
 - Seminar on Algebraic geometry from Abdenacer Makhoulouf, February, 23th-27th 2015 at AIMS
 - CIMPA School, Méthodes Algorithmiques et Applications en Géométrie Réelle et en Théorie des Nombres, participante, African Institute for Mathematical Sciences, M'bour, Senegal, June 16th-26th 2014.
- Honours and awards**
- Full tuition scholarship for a M.Sc. in mathematical sciences, African Institute for Mathematical Sciences, Senegal (August 2013 – June 2014).
- References**
- Prof.dr. Martin Kreuzer, martin.kreuzer@uni-passau.de University of Passau, German
 - Dr. Amadou TALL , African Institute for Mathematical Sciences-Senegal, amadou.tall@aims-senegal.org, +221774545131
 - Dr. Christophe Petit a FRS-FNRS Research Collaborator at [UCL Crypto Group](#),