

Esteban Segura Ugalde

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PERSONAL DETAILS

Name: Esteban Segura Ugalde
Age: 30 years old (2 October 1984)
Nationality: Costa Rican
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EDUCATION

Primary Education (1991-1996)
Escuela Los Ángeles, Los Ángeles de la Fortuna, San Carlos, Costa Rica

Secondary Education (1997-2001)
Colegio Técnico Profesional La Fortuna, San Carlos, Costa Rica

Bachelor of Mathematics (2002-2008)
Universidad de Costa Rica, San Pedro, Costa Rica

Master student in Mathematics (2009-2010)
Universidad de Costa Rica, San Pedro, Costa Rica

Master 2 ACSYON : Algorithmic, Symbolic Computation and Numerical Optimization (2010-2011)
Université de Limoges, France
Thesis topic: Polynomial Root-finding via Structured Matrices.
Advisor: Paola Boito.

PhD. Student in Mathematics (2011-2015)
XLIM - DMI UMR 7252 CNRS, Université de Limoges, France
Thesis topic: A Contour Integral Approach to the Computation of Invariant Pairs and Matrix Solvents
Advisors: Moulay Barkatou and Paola Boito.

EXPERIENCE

Assistant in the School of Mathematics (Universidad de Costa Rica) 2003-2008

Summer School Teacher, School of Mathematics (Universidad de Costa Rica) 2007. Linear algebra Associate Professor: PhD William Alvarado.

Summer School Teacher, School of Mathematics (Universidad de Costa Rica) 2008. Complex numbers Associate Professor: PhD William Alvarado.

Assistant professor: Linear Algebra, Faculty of Mathematics (Universidad de Costa Rica) 2009

Assistant professor: Introduction to Numerical Analysis, Faculty of Mathematics (Universidad de Costa Rica) 2009-2010

Assistant professor: Calculus, Faculty of Mathematics (Universidad de

Costa Rica) 2010

Article Reviewer: Revista de Matemática: Teoría y Aplicaciones (Universidad de Costa Rica) 2011-2015

CONFERENCE TALKS *International Symposium on Symbolic and Algebraic Computation 2012 (ISSAC)*, Grenoble, 22-25 July 2012.

Journées Nationales de Calcul Formel (JNCF) 2013, CIRM, Luminy, 13-17 May 2013.

Méthodes Numériques et Calcul Effectif, CIRM, Luminy, 28-31 October 2013.

VIII Jornadas de Análisis Numérico y Aplicaciones (VIII JANA), Universidad de la Rioja, España, 28-29 November 2013.

Nonlinear Eigenvalue Problems, University of Manchester, University of Manchester, UK, 23-25 April 2014.

International Workshop on Symbolic-Numeric Computation (SNC 2014), Shanghai, China, 28-31 July 2014.

19th International Linear Algebra Society Conference (ILAS 2014), Seoul, Korea, 6-9 August 2014.

COMPUTER SKILLS *Languages & Software:* C, Java, Visual Basic, Mathematica, MatLab, Scilab, Maple.

LANGUAGES Spanish: Mother tongue.
English: TOEIC score 845/990 (Fluent).
French: DELF A2 (basic).

INTERESTS Symbolic-Numeric computation.
Numerical linear algebra.
Structured matrices.
Numerical Optimization.

EXTRA-CURRICULAR ACTIVITIES *Advanced Bridge Player*
National Team Junior: Winter Olympics Games, Beijing China 2008.
Champion: Central American Junior Bridge, Guadeloupe, 2009.
National Team Junior Bridge: 1st World Youth Bridge Championships, Istanbul Turkey, 2009.