

Brief curriculum vitae:

- Graduated in Mathematical Sciences at the [Universidad Complutense de Madrid](#), in June of 1992. Bachelor in Fundamental Mathematics.
- ERASMUS Grant of exchange of University Students at the Università degli Studi di Genova, Italy, during the academic course 91-92.
- Participating at the Ceremony for the Students with Best Awards at the Universidad Complutense in 1992.
- Working at the [Department of Applied Mathematics](#) of the [E.T.S.I.Industriales](#) of the [Universidad Politécnica de Madrid](#) since October, 1992.
- Ph. D. Thesis: "**Diseño de extensiones para procesamiento de señales finitas mediante wavelets**" at the DMAII of the ETSII ([Universidad Politécnica de Madrid](#)), directed by Nuria González Prelcic, from the [Department of Signal Theory and Comunications](#) of the [Universidad de Vigo](#). September, 2001.
- In 2002 she received one of the EXTRAORDINARY AWARDS FOR THE BEST PH.D. DISSERTATION from the [Universidad Politécnica de Madrid](#).
- She has been referee for the following journals:
 - [IEEE TRANSACTIONS ON SIGNAL PROCESSING](#) during 1999, 2003, 2004, 2008.
 - [SIGNAL PROCESSING](#) (Ed. Elsevier) in 2004 and 2013.
 - [IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II](#) in 2006 y 2008.
 - [SIGNAL IMAGE AND VIDEO PROCESSING](#) (Ed. Springer) in 2006, 2008, 2009, 2010.
 - [IET ELECTRONIC LETTERS](#), in 2007.
 - Proceedings of [Eusipco 2007](#).
 - [IEEE TRANSACTIONS ON IMAGE PROCESSING](#) in 2011.
 - [APPLIED AND COMPUTATIONAL HARMONIC ANALYSIS](#) in 2012.
- Director of the Research Group "Theory of Constructive Approximation and Applications" of the Universidad Politécnica de Madrid, since 2011. Member of this group since its creation in 2005.
- Director of the Group of Educational Innovation GIE-MAI ("Grupo de Innovación Educativa de Matemáticas del Área Industrial de la UPM) since its creation in 2014.