

# María J. Garrido-Atienza

## Curriculum vitae

Last update of this document: September 2019

### 1. Personal Data:

**Born:** January 24<sup>th</sup>, 1972

**Citizenship:** Spanish

**Languages:** Fluent in Spanish and English; some knowledge of French and German

### 2. Professional Address:

Departamento de Ecuaciones Diferenciales y Análisis Numérico, Universidad de Sevilla, Avenida Reina Mercedes, 41012-Sevilla (SPAIN)

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### 3. Education:

Ph.D. in Mathematics, University of Seville (Spain), 2002.

### 4. Present Position:

Profesor Titular de Universidad (Assistant Professor), University of Seville (Spain), 2008-present

### 5. Publications in scientific journals:

1. **E. Fernández-Cara, M. J. Garrido-Atienza & J. Real**, On the approximate controllability of a stochastic parabolic equation with a multiplicative noise, *C. R. Acad. Sci. Paris*, 328 (1999), Série I, 675-680.
2. **T. Caraballo, M.J. Garrido-Atienza & J. Real**, Existence and uniqueness of solutions for delay stochastic evolution equations, *Stoch. Anal. Appl.* 20(2002), no. 6, 1225-1255.
3. **T. Caraballo, M.J. Garrido-Atienza & J. Real**, Asymptotic stability on nonlinear stochastic evolution equations, *Stoch. Anal. Appl.* 21(2003), no. 2, 301-327.
4. **T. Caraballo, M.J. Garrido-Atienza & J. Real**, Stochastic stabilization of differential systems with general decay rate, *Syst. Control Letters* 48 (2003), no. 5, 397-406.
5. **M.J. Garrido-Atienza & J. Real**, Existence and uniqueness of solutions for delay evolution equations of second order in time, *Journal of Mathematical Analysis and Applications*, 283 (2003), no. 2, 582-609.
6. **M.J. Garrido-Atienza & J. Real**, Existence and uniqueness of solutions for delay stochastic evolution equations of second order in time, *Stochastics & Dynamics* 3 (2003), no. 2, 141-167.
7. **T. Caraballo, M.J. Garrido-Atienza & J. Real**, The exponential behaviour of nonlinear stochastic functional equations of second order in time, *Stochastics & Dynamics* 3(2003), no. 2, 1-18.
8. **T. Caraballo, M.J. Garrido-Atienza & B. Schmalfuss**, Asymptotic behaviour of non-trivial stationary solutions of stochastic functional evolution equations, *Dopov. Nats. Akad. Nauk Ukr. Mat. Prirodozn. Tekh. Nauki*, (6): 39-42, 2004.
9. **T. Caraballo, M.J. Garrido-Atienza & B. Schmalfuss**, On the stability of stationary solutions of stochastic evolution equations with delays. In F. Dumotier, H. Broer, J. Mawhin, A. Vanderbauwhede and S. Verduyn Lunel, editors. *EQUADIFF 2003, International Conference on Differential Equations*. World Scientific, 2005.

10. **M.J. Garrido-Atienza & P. Marín-Rubio**, Navier-Stokes equations with delays on unbounded domains, *Non Linear Analysis Series A: Theory, Methods and Applications*, 64 (2006), no. 5, 1100-1118.
11. **T. Caraballo, M.J. Garrido-Atienza & J. Real**, Stability of nonlinear functional stochastic evolution equations of second order in time, *Journal of Mathematical Sciences*, 138 (2006), no. 1, 5377-5389.
12. **T. Caraballo, M.J. Garrido-Atienza & B. Schmalfuss**, Existence of exponentially attracting stationary solutions for delay evolution equations, *Discrete and Continuous Dynamical Systems A*, 18 (2-3): 271-293, 2007.
13. **T. Caraballo, M.J. Garrido-Atienza, B. Schmalfuss & J. Valero**, Non--autonomous and random attractors for delay random semilinear equations without uniqueness, *Discrete and Continuous Dynamical Systems A*, 21 (2), 415-443, 2008.
14. **M.J. Garrido-Atienza, A. Neuenkirch & P. Kloeden**, Discretization of stationary solutions of stochastic systems driven by fractional Brownian motion, *Journal of Applied Mathematics and Optimization*, 60 (2), 151-172, 2009.
15. **T. Caraballo, M.J. Garrido-Atienza, B. Schmalfuss & J. Valero**, Asymptotic behavior of a stochastic semilinear dissipative functional equation without uniqueness of solutions, *Discrete and Continuous Dynamical Systems, Series B*, 14 (2), 439-455, 2010.
16. **M.J. Garrido-Atienza, B. Maslowski & B. Schmalfuss**, Random attractors for stochastic equations driven by a fractional Brownian, *International Journal of Bifurcations and Chaos*, 20(9), 1-22, 2010.
17. **M.J. Garrido-Atienza, K. Lu & B. Schmalfuss**, Random dynamical systems for stochastic partial differential equations driven by a fractional Brownian motion, *Discrete and Continuous Dynamical Systems, Series B*, 14 (2), 473-493, 2010.
18. **M.J. Garrido-Atienza, K. Lu & B. Schmalfuss**, Unstable invariant manifolds for stochastic PDEs driven by a fractional Brownian motion, *Journal of Differential Equations*, 248, 1637-1667 (2010).
19. **M.J. Garrido-Atienza & B. Schmalfuss**, On fractional Brownian motions and random dynamical systems, *Boletín de la Sociedad Española de Matemática Aplicada*, 51, 71-78 (2010).
20. **T. Caraballo, M.J. Garrido-Atienza, B. Schmalfuss & J. Valero**, Global attractor for a non-autonomous integro-differential equation in materials with memory, *Nonlinear Analysis Series A: Theory, Methods & Applications*, 73 (1), 183-201 (2010).
21. **M.J. Garrido-Atienza & B. Schmalfuss**, Ergodicity of the infinite dimensional fractional Brownian motion, *Journal of Dynamics and Differential Equations*, 23, 671-681 (2011).
22. **T. Caraballo, M.J. Garrido-Atienza, & T. Taniguchi**, The existence and exponential behavior of solutions to stochastic delay evolution equations with a fractional Brownian motion, *Non Linear Analysis Series A: Theory, Methods and Applications*, 74, 3671-3684 (2011).
23. **M.J. Garrido-Atienza, A. Ogrowsky & B. Schmalfuss**, Random Differential Equations with Random Delays, *Stochastics & Dynamics*, 11 (2&3), 369-388, (2011).
24. **M.J. Garrido-Atienza, K. Lu & B. Schmalfuss**, Compensated Fractional Derivatives and Stochastic Evolutions Equations, *Comptes Rendus Mathématique*, 350 (23-24), 1037-1042 (2012).
25. **J. Bártek, M.J. Garrido-Atienza & B. Maslowski**, Random dynamical system defined by fractional stochastic porous media equation, *Stochastics & Dynamics*, 13 (4), 1350010 (2013).
26. **Y. Chen, H. Gao, M.J. Garrido-Atienza & B. Schmalfuss**, Pathwise solutions of SPDEs driven by Hölder-continuous integrators with exponent larger than 1/2 and random dynamical systems, *Discrete and Continuous Dynamical Systems, Series A*, 34 (1), 79- 98 (2014).
27. **H. Bessaih, M.J. Garrido-Atienza & B. Schmalfuss**, Attractor for SPDEs with time smooth diffusion and delays, *Discrete and Continuous Dynamical Systems*, 34 (10), 3945-3968 (2014).
28. **M. A. Diop & M.J. Garrido-Atienza**, Retarded evolution Systems driven by fractional Brownian motion with Hurst parameter  $H>1/2$ , *Nonlinear Analysis* 97, 15-29 (2014).

29. **H. Gao, M.J. Garrido-Atienza & B. Schmalfuss**, Random attractors for infinite-dimensional stochastic evolution equations driven by fractional Brownian motion, *SIAM Journal on Mathematical Analysis*, 46 (4), 2281-2309 (2014).
30. **M.J. Garrido-Atienza & J. Huang**, Retarded neutral stochastic equations driven by nontrivial fractional noise, *Stochastic Analysis and Applications*, 32 (5), 820-839 (2014).
31. **M.J. Garrido-Atienza, K. Lu & B. Schmalfuss**, Lévy-areas of Ornstein-Uhlenbeck processes in Hilbert-spaces, chapter 10 of the book "Continuous and distributed systems II, Theory and Applications", pp. 167-188 (2015), Studies in Systems, Decision and Control, Volumen 30, Springer.
32. **M.J. Garrido-Atienza, K. Lu & B. Schmalfuss**, Local pathwise solutions to stochastic evolution equations driven by fractional Brownian motions with Hurst parameters  $H \in (1/3, 1/2]$ , *Discrete and Continuous Dynamical Systems, series B*, 20(8), 2553-2581 (2015).
33. **M.J. Garrido-Atienza, K. Lu & B. Schmalfuss**, Random dynamical systems for stochastic evolution equations driven by fractional Brownian motion with Hurst parameters  $H \in (1/3, 1/2]$ , *SIAM Journal on Applied Dynamical Systems*, 15(1), 625-654 (2016).
34. **H. Bessaih, M.J. Garrido-Atienza & B. Schmalfuss**, Stochastic Shell Models driven by a multiplicative fractional Brownian-motion, *Physica D Nonlinear Phenomena*, 320, 38-56 (2016).
35. **T. Caraballo, M.J. Garrido-Atienza & J. López-de-la-Cruz**, Some aspects concerning the dynamics of stochastic chemostats, chapter 11 of the book "Advances in Dynamical Systems and Control", pp. 227-246 (2016), Studies in Systems, Decision and Control, Volumen 69, Springer.
36. **M.J. Garrido-Atienza, Bohdan Maslowski & Jana Snupárková**, Existence and large time behavior of solutions to semilinear stochastic equations with fractional Brownian motions, *Discrete and Continuous Dynamical Systems, series B*, 21(9), 3075-3094 (2016).
37. **T. Caraballo, M.J. Garrido-Atienza, B. Schmalfuss & J. Valero**, Attractors for a random evolution equation with infinite memory: Theoretical results, *Discrete and Continuous Dynamical Systems, series B*, 22(5), 1779-1800, (2017).
38. **M.J. Garrido-Atienza, A. Neuenkirch & B. Schmalfuss**, Asymptotical stability of differential equations driven by Hölder-continuous functions, *Journal of Dynamics and Differential Equations*, 30(1), 359-377, (2018).
39. **H. Bessaih, M.J. Garrido-Atienza, X. Han & B. Schmalfuss**, Stochastic lattice dynamical systems with fractional noise, *SIAM Journal on Mathematical Analysis*, 49(2), 1495-1518, (2017).
40. **T. Caraballo, M.J. Garrido-Atienza & J. López-de-la-Cruz**, Dynamics of some stochastic chemostat models with multiplicative noise, *Communications on Pure and Applied Analysis*, 16(5), 1839-1914, (2017).
41. **L.H. Duc, M.J. Garrido-Atienza & B. Schmalfuss**, Dynamics of SPDEs driven by a small fractional Brownian motion with Hurst parameter larger than  $1/2$ , to appear in the Festschrift volumen Stochastic Partial Differential Equations and Related Fields - In Honor of Michael Röckner - Bielefeld, Germany, October 2016, Springer.
42. **L.H. Duc, M.J. Garrido-Atienza, A. Neuenkirch & B. Schmalfuss**, Global stability of stochastic evolution equations driven by small fractional Brownian motion with Hurst parameter in  $(1/2, 1)$ , *Journal of Differential Equations*, 264(2), 1119-1145, (2018).
43. **H. Bessaih, M.J. Garrido-Atienza & B. Schmalfuss**, On 3D Navier-Stokes equations: regularization and uniqueness by delays, *Physica D: Nonlinear Phenomena*, Vol. 376-377, 228-237 (2018).
44. **M.J. Garrido-Atienza & B. Schmalfuss**, Local stability of differential equations driven by Hölder-continuous paths with Hölder index in  $(1/3, 1/2)$ , *SIAM Journal on Applied Dynamical Systems*, Vol. 17, Núm. 3, 2352-2380 (2018).
45. **T. Caraballo, M.J. Garrido-Atienza, J. López-de-la-Cruz & A. Rapaport**, Modeling and analysis of random and stochastic input flows in the chemostat model, *Discrete and Continuous Dynamical Systems, series B*, Vol. 24(8), 3591-3614 (2019).
46. **M.J. Garrido-Atienza, B. Schmalfuss & J. Valero**, Attractors for a Random Evolution Equation with Infinite Memory: An Application, Chapter 13 of *Modern Mathematics and Mechanics, Fundamentals, Problems and Challenges*, 215-236. Springer, Cham, 2019.

## 7. Invited talks at conferences and seminars:

1. July 1998: Differential Equations Seminar, Sevilla (Spain).
2. September 1999: XVI Congreso de Ecuaciones Diferenciales y Aplicaciones, VI Congreso de Matemática Aplicada (XVI CEDYA-VI CMA), Las Palmas de Gran Canaria (Spain).
3. January 2000: Conference on Stochastic Partial Differential Equations and Applications, Levico Terme (Italy).
4. September 2001: XVII Congreso de Ecuaciones Diferenciales y Aplicaciones, VII Congreso de Matemática Aplicada (XVII CEDYA-VII CMA), Salamanca (Spain).
5. January 2002: Conference on Stochastic PDE and Applications, Levico Terme (Italy).
6. June 2002: No Lineal 2002, Dinámica no lineal en la naturaleza y la técnica, Cuenca (Spain).
7. July 2002: Stochastic PDEs Seminar, Berlin (Germany).
8. June 2003: XXIII Seminar on Stability Problems for Stochastics Models, Pamplona (Spain).
9. July 2003: Equadiff 2003 - International Conference on Differential Equations, Hasselt (Belgium).
10. September 2003: XVIII Congreso de Ecuaciones Diferenciales y Aplicaciones, VIII Congreso de Matemática Aplicada (XVIII CEDYA-VIII CMA), Tarragona (Spain).
11. June 2004: No Lineal 2004, Nuevos retos y perspectivas de la dinámica no lineal y sus aplicaciones, Toledo (Spain).
12. July 2004: 6th World Congress of the Bernoulli Society for Mathematical Statistics and Probability, 67th Annual Meeting of the Institute of Mathematical Statistics, Barcelona (Spain).
13. July 2005: 22nd IFIP TC 7 Conference System Modelling and Optimization, Turin (Italy).
14. September 2005: XIX Congreso de Ecuaciones Diferenciales y Aplicaciones, IX Congreso de Matemática Aplicada (XIX CEDYA-IX CMA), Leganés-Madrid (Spain).
15. June 2006: Marrakesh World Conference on Differential Equations and Applications, Marrakesh (Marroc).
16. November 2006: Non-autonomous and Stochastic Dynamical Systems Seminar, Sevilla (Spain).
17. August 2007: Equadiff 2007, Viena (Austria).
18. September 2007: International Conference on Dynamical Methods and Mathematical Modelling, Valladolid (Spain).
19. September 2007: XX Congreso de Ecuaciones Diferenciales y Aplicaciones, X Congreso de Matemática Aplicada (XX CEDYA-X CMA), Sevilla (Spain).
20. November 2007: Probability Seminar, Prague (Czech Republic).
21. May 2008: International Workshop on Stochastic Phenomena, Cluj-Napoca (Romania).
22. February 2008: Stochastic PDEs Seminar, BYU Provo (USA).
23. September 2008: International Workshop on Dynamical Systems and Multidisciplinary Applications, Elche-Alicante (Spain).
24. March 2009: One-day Workshop on deterministic and stochastic differential equations, Sevilla (Spain).
25. June 2009: 2009 International Conference on Nonlinear and Stochastic Dynamics, Chengdu (China).
26. June 2009: International Conference on Random Dynamical Systems, Tianjin (China).
27. June 2009: International Conference on Non-Autonomous and Stochastic Dynamical Systems and Multidisciplinary Applications, Sevilla (Spain).
28. July 2009: Probability Seminar, Paris (France).
29. April 2010: Probability Seminar, Prague (Czech Republic).
30. May 2010: The 8th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Dresden (Germany).
31. September 2010: Second International Conference on Numerical Analysis and Approximation Theory, Cluj-Napoca (Romania).
32. February 2011: Second International Conference on Numerical Analysis and Approximation Theory, Sao Carlos (Brazil).

33. May 2011: Seventh Seminar on Stochastic Analysis, Random Fields and Applications, Ascona (Switzerland).
34. June 2011: The Second International Conference on Random Dynamical Systems, Nanjing (China).
35. July 2012: The 9th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Orlando (USA).
36. October 2012: IMA Annual Program Year: Workshop Random Dynamical Systems, Minneapolis (USA).
37. February 2013: ICMC Summer Meeting on Differential Equations 2013 Chapter, Sao Carlos (Brazil).
38. July 2013: The third International Conference on Random Dynamical Systems, Tianjin (China).
39. June 2014: Random Dynamics and Stochastic Numerics, Mannheim (Germany)
40. July 2014: The 10th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Madrid (Spain)
41. September 2014: Numerical Analysis and Approximation Theory, Cluj-Napoca (Rumania)
42. June 2015: XXIV CEDYA/XIV CMA, Cádiz (Spain)
43. June 2015: The 4th International Conference on Random Dynamical Systems & the 1st International Conference on Stochastic Dynamics, Xi'an (China)
44. July 2015: Random Dynamical Systems and Ergodicity, Loughborough (UK)
45. September 2015: Program on Infinite Dimensional and Stochastic Dynamical Systems, 6-hour lectures on Stochastic Evolution Equations, Chengdu (China)
46. November 2015: International Conference on Dynamical Methods for Differential Equations with Applications, Valladolid (Spain)
47. May 2016: Stochastic Partial Differential Equations and Applications, X" Levico Terme (Italy)
48. July 2016: The 11th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Orlando (USA)
49. July 2016: Workshop on Evolution Equations, Auburn (USA).
50. January 2017: Workshop on recent advances on PDEs: Analysis, Numerics and Control, Sevilla (Spain)
51. June 2017: The 5th International Conference on Random Dynamical Systems, Wuhan (China)
52. July 2018: Stochastic Dynamical Systems and Ergodicity. Loughborough (UK)
53. September 2018: Numerical Analysis and Approximation Theory, Cluj-Napoca (Rumania).
54. December 2018: II Joint Meeting of Mathematical Societies RSME-SEMA-SBM-SBMAC (Spain-Brazil), University of Cádiz (Spain).
55. July 2019: The 6th International Conference on Random Dynamical Systems, Shanghai Normal University de Shanghai, China.

## 8. Panel Memberships:

- Member of the editorial board (associate editor) of the Journal "Discrete and Continuous Dynamical Systems, Series B", since January 2016.
- Member of the editorial board (associate editor) of the Journal "Stochastics and Dynamics", since April 2016.
- Member of the 'commission ANEP (AGENCIA NACIONAL DE EVALUACIÓN Y PROSPECTIVA)', Ministerio de Economía y Competitividad de España (2011-present)
- Member of the Instituto de Matemáticas de la Universidad de Sevilla (IMUS, Antonio de Castro Brzezicki).

## 10. Research stays:

1. Humboldt University of Berlin (Germany). July 2002
2. Institut für Mathematik Fakultät EIM, University of Paderborn (Germany). February 2006, January 2007, July 2007, May 2008, May 2009

3. University Miguel Hernández, Elche (Alicante, Spain). May 2006, May 2007, February 2016, February 2017, February 2018, February 2019
4. Johann Wolfgang Goethe-Universität, Frankfurt and Main (Germany). July 2007
5. Institute of Mathematics, Czech Academy of Sciences, Prague, Czech Republic, December 2007.
6. Brigham Young University, Provo (Utah, United States). February 2008, September 2009, March 2011
7. Banff International Research Station for Mathematical Innovation and Discovery, October 2008
8. Charles University in Prague (Czech Republic). April 2010, May 2015, May 2017
9. Université Paris-Sud, Paris (France). July 2009
10. Université Gaston Berger-Saint Louis du Sénégal, February 2013
11. Sichuan University, Chengdu (China). July 2013, September 2015
12. University of Jena (Germany). January 2015
13. University of Mannheim (Germany). March 2016
14. University of Laramie (WY, USA). September 2016
15. Max-Planck Institut für Mathematik in der Naturwissenschaften, Leipzig (Germany), January 2017
16. Departamento de Matemáticas, Universidad de Barcelona, Abril 2017.
17. Technische Universität Berlin, Berlin (Alemania), April 2017.
18. VIASM Hanoi (Vietnam), June-August 2019

## 11. Organisation of workshops and seminars:

- International Conference on Non-autonomous and Stochastic Dynamical Systems, Sevilla 2005
- International Multidisciplinary Workshop on Stochastic Modeling, Sevilla, June 25<sup>th</sup> - 29<sup>th</sup>, 2007.
- XX Congreso de Ecuaciones Diferenciales y Aplicaciones, X Congreso de Matemática Aplicada, Sevilla, September 24<sup>th</sup> - 28<sup>th</sup>, 2007
- One-day Workshop on deterministic and stochastic differential equations, March 16<sup>th</sup>, 2009
- International Conference on Non-Autonomous and Stochastic Dynamical Systems and Multidisciplinary Applications, Sevilla, June 16<sup>sd</sup> - 26<sup>th</sup>, 2009
- One-day Workshop on deterministic and stochastic differential equations, November 18<sup>th</sup>, 2009
- One-day Workshop on deterministic and stochastic differential equations, March 16<sup>th</sup>, 2010
- One-day Workshop on deterministic and stochastic differential equations, June 29<sup>th</sup>, 2010
- One-day Workshop on deterministic and stochastic differential equations, October 7<sup>th</sup>, 2010
- One-day Workshop on deterministic and stochastic differential equations, November 25<sup>th</sup>, 2010
- One-day Workshop on deterministic and stochastic differential equations, April 4<sup>th</sup>, 2011
- One-day Workshop on deterministic and stochastic differential equations, October 13<sup>th</sup>, 2011
- One-day Workshop on deterministic and stochastic differential equations, November 23<sup>rd</sup>, 2011
- One-day Workshop on deterministic and stochastic differential equations, December 15<sup>th</sup>, 2011
- One-day Workshop on deterministic and stochastic differential equations, September 12<sup>th</sup>, 2012
- One-day Workshop on deterministic and stochastic differential equations and stochastic differential equations, November 21<sup>st</sup>, 2012
- Co-organiser of the Special Session “Stochastic and Deterministic Dynamical Systems, and Applications”, at the The 9th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Orlando, Florida, USA, July 1<sup>st</sup>- 5<sup>th</sup>, 2012

- Co-organiser of the Special Session “Stochastic and Deterministic Dynamical Systems, and Applications”, at the The 10th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Madrid, Spain, July 7<sup>th</sup>- 11<sup>th</sup>, 2014
- Co-organiser of the Special Session “Non-autonomous Dynamical Systems and Applications” at the The XXIV CEDYA, Congreso de Ecuaciones Diferenciales y Aplicaciones, / XIV CMA, Congreso de Matemática Aplicada, Cádiz, Spain, June 8<sup>th</sup>- 12<sup>th</sup>, 2015
- Co-organiser of the Special Session “Recent trends on PDEs driven by Gaussian processes and”, at the The 11th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Orlando, Florida, USA, July 1<sup>st</sup>- 5<sup>th</sup>, 2016
- Co-organizer of the CIMPA school "Recent developments in stochastic dynamics and stochastic analysis", to be held in Hanoi, 5th-18th March, 2018
- "Recent trends on Random Dynamical Systems and Applications", en el congreso II Joint Meeting of Mathematical Societies RSME-SEMA-SBM-SBMAC (Spain-Brazil), Universidad de Cádiz (España) , del 11 al 14 de Diciembre de 2018.

## 12. Recent professional activities:

1. Guest Editor of the issue 9, Volume 21, of the Journal Discrete and Continuous Dynamical System, Series B, November 2016, on occasion of the 60th birthday of Professor Björn Schmalfuss.
2. Guest Editor of the Special issue “Finite and infinite dimensional multivalued dynamical systems”, of the Journal Discrete and Continuous Dynamical Systems, Series B, 22(5), 2017.
3. Member of the editorial board (Associate Editor) of the Journal “Stochastics and Dynamics”, since April 2016.
4. Member of the editorial board (Associate Editor) of the Journal “Discrete and Continuous Dynamical Systems, Series B”, since January 2016.
5. Editor of the book Advances in Dynamical Systems and Control, “Studies in Systems, Decision and Control”, Volumen 69, Springer.
6. Editor of the book Continuous and Dynamical Systems II, Theory and Applications, “Studies in Systems, Decision and Control”, Volume 30 Springer.
7. Referee for several scientific journals (Stochastics and Dynamics, Physics Letters A, Nonlinear Analysis Series A: Theory, Methods and Applications, Mathematical and Computer Modelling, Stochastics and Stochastics Reports, Journal of Difference Equations and Applications, Journal of Differential Equations, etc.)
8. Member of the Spanish Society of Applied Mathematics, 1995-