

CURRICULUM VITAE

- **First name:** KHALIL
- **Last name:** EZZINBI
- **Birthday:** July 29, 1965, El Kelaa Es Sraghna, Morocco
- **Nationality :** Moroccan
- **Present position:** Professor of mathematics at Cadi Ayyad University, since January 1995
- **Work address:** Cadi Ayyad University, Faculty of Sciences Semlalia, Department of Mathematics
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1. Education

- **PhD (Doctorat d'Etat), June 19, 1997,** Differential equations and partial functional differential equations, Cadi Ayyad University, Morocco.
- **Doctorat, July 12, 1994,** Differential equations and dynamical systems, Cadi Ayyad University, Morocco.
- **DEA(Diploma of high studies), September 1992,** Functional Analysis and Differential Equations, Cadi Ayyad University, Morocco.
- **Licence, May 1991,** Applied Mathematics, Cadi Ayyad University, Morocco.
- **DEUG, May 1989,** Mathematics and Physics, Cadi Ayyad University, Morocco.

2. Research Interests

- **Functional and ordinary differential equations**
- **Partial functional differential equations**
- **Linear operators theory and evolution equations**
- **Infinite dynamical systems**
- **Applied mathematics**

3. Outline of my research

My research interests are partial functional differential equations, evolution equations, semigroups theory, and dynamical systems. I work on both quantitativ and qualitativ analysis. I have developed several fundamental results on the theory of partial functional differential which are now the subject of several works around the world. I collaborate with many colleagues from Africa, Asia, Europe, and USA.

4. Publications

- (1) E. Kpizim, K. Ezzinbi, V. Vinodkumar and M.A.Diop, Optimal controls for some impulsive stochastic integrodifferential equations driven by Rosenblatt process, Electron. J. Math. Anal. Appl. 11 (2023), no. 1, 70–95.

- (2) J. El Matloub, K. Ezzinbi, Mild solution in the \blacksquare -norm for some partial integrodifferential equations involving a nonlocal condition, *Nonauton. Dyn. Syst.* 10 (2023), no. 1, 2023–0170.
- (3) K. Elghandouri and K. Ezzinbi, Approximation of mild solutions of delay integrodifferential equations on Banach spaces, *Evol. Equ. Control Theory* 12, (2023), no. 6, 1629–1657.
- (4) M.Elghandouri and K.Ezzinbi, On the approximate controllability for fractional neutral inclusion systems with nonlocal conditions, *Fract. Differ. Calc.* 13, (2023), no. 1, 43–85.
- (5) K.Ezzinbi and Y. Staili, Invariant sets for a class of semilinear delay differential equations with non-dense domain, *J. Math. Anal. Appl.* 528, (2023), no 2, Paper No. 127525, 24 pp.
- (6) M. El Attaouy, K.Ezzinbi and G. M. N'Guérékata, Reduction principle for partial functional differential equation without compactness, *Electron. J. Differential Equations*, (2023), Paper No. 39, 17 pp.
- (7) M.A. Diop, K. Ezzinbi and A.G. Guindo, Optimal control for semilinear integrodifferential evolution equations in Banach spaces, *Internat. J. Control* 96, (2023), no. 7, 1810–1816.
- (8) S.Boumasmoud and K.Ezzinbi, Polynomial stability and weak stabilization for some partial functional differential equations with delay, *IMA J. Math. Control Inform.* 40, (2023), no.2, 152–178.
- (9) P.Ndambomve, K. M.El-Khalil and K.Ezzinbi, Approximate controllability results in \blacksquare -norm for some partial functional integrodifferential equations with nonlocal initial conditions in Banach spaces, *J. Appl. Anal.* 29, (2023), no. 1, 127–142.
- (10) M.A.Diop, M. Elghandouri and K. Ezzinbi, Well-posedness and approximate controllability for some integrodifferential evolution systems with multi-valued nonlocal conditions, *Evol. Equ. Control Theory* 12, (2023), no. 5, 1340–1377.
- (11) A.A. Dianda, K. Ezzinbi and K. Khalil, Stepanov ergodic perturbations for nonautonomous evolution equations in Banach spaces, *Adv. Oper. Theory* 8, (2023), no. 2, Paper No. 21, 23 pp.
- (12) M.P Ly, M.A.Diop, and K., Ezzinbi, Approximate controllability for some integrodifferential measure driven systems with nonlocal conditions, *Matematiche (Catania)* 77, (2022), no. 2, 419–440
- (13) M.A.Diop, K.Ezzinbi, and B. A. Kyelem, Local existence and blowing up phenomena for a class of non-autonomous partial functional differential equations with infinite delay, *Nonauton. Dyn. Syst.* 9 (2022), no. 1, 237–255.

- (14) I. Barka, M. A. Diop, K. Ezzinbi and M.H. Hamit, Controllability for nonlocal stochastic integrodifferential evolution equations with the lack of compactness. *Stoch. Anal. Appl.* 40 (2022), no. 1, 1–19.
- (15) B. Es-sebbar, K. Ezzinbi and K. Khalil, Compact almost automorphic solutions for semilinear parabolic evolution equations. *Applicable Analysis*, 101 (2022), no. 7, 2553–2579.
- (16) M. A. Diop, M. Fall, Mbarack, M. A. Diop and K. Ezzinbi, Existence and controllability results for integrodifferential equations with state-dependent delay and random effects. *Filomat* 36 (2022), no. 4, 1363–1379.
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- (18) N. Rezoug, M. Benchohra and K. Ezzinbi, Asymptotically automorphic solutions of abstract fractional evolution equations with non-instantaneous impulses. *Surv. Math. Appl.* 17 (2022), 113–138.
- (19) A. Diop, M. Dieye, Moustapha, M. A. Diop and K. Ezzinbi, Integrodifferential equations of Volterra type with nonlocal and impulsive conditions. *J. Integral Equations Appl.* 34 (2022), no. 1, 19–37.
- (20) K. Ezzinbi and M. Ziat, Nonlocal integro-differential equations without the assumption of equicontinuity on the resolvent operator in Banach spaces. *Differ. Equ. Dyn. Syst.* 30 (2022), no. 2, 315–333.
- (21) M. A. Diop, K. Ezzinbi and B.A. Kyelem, Local existence and blowing up phenomena for a class of non-autonomous partial functional differential equations with infinite delay. *Nonauton. Dyn. Syst.* 9 (2022), no. 1, 237–255.
- (22) A. Diop, M. A. Diop and K. Ezzinbi, P.A. Guindo, Optimal controls problems for some impulsive stochastic integro-differential equations with state-dependent delay. *Stochastics* 94 (2022), no. 8, 1186–1220.
- (23) K. Ezzinbi, K. Hilal and M. Ziat, μ -pseudo compact almost automorphic weak solutions for some partial functional differential inclusions. *Applicable Analysis*, 101 (2022), no. 18, 6388–6410.
- (24) A. Elazzouzi, K. Ezzinbi and M. Kriche, Periodic solution for some class of linear partial differential equation with infinite delay using semi-Fredholm perturbations. *Nonauton. Dyn. Syst.* 9 (2022), no. 1, 116–144.
- (25) M. A. Diop, K. Ezzinbi, M.P.Ly and B. Ceesay, Existence results for some partial stochastic integrodifferential equations with nonlocal conditions in Hilbert spaces. *Res. Math.* 9 (2022), no. 1, Paper No. 2043019, 13 pp.

- (26) K. Ezzinbi and M.A. Taoudi, Periodic solutions and attractiveness for some partial functional differential equations with lack of compactness. *Proceedings of the American Mathematical Society*, 149, (2021), no. 3, 1165–1174.
- (27) A. Elazzouzi, K. Ezzinbi and M. Kriche, On the periodic solutions for some retarded partial differential equations by the use of semi-Fredholm operators. *Cubo* 23 (2021), no. 3, 469–487.
- (28) A. Diop, M. A. Diop, K. Ezzinbi and A. Mané, Existence and controllability results for nonlocal stochastic integro-differential equations. *Stochastics* 93 (2021), no. 6, 833–856.
- (29) D. Békollè, K. Ezzinbi, S. Fatajou and D.E. Houpa and B.F. Mbounja, Convolutions in (μ, \blacksquare) -pseudo-almost periodic and (μ, \blacksquare) -pseudo-almost automorphic function spaces and applications to solve integral equations. *Cubo* 23 (2021), no. 1, 63–85.
- (30) K. Ezzinbi, H. Toure, and I. Zabsonre, Weighted pseudo almost periodic and pseudo almost automorphic solutions of class r for some partial differential equations. *Differ. Equ. Dyn. Syst.* 29 (2021), no. 2, 313–338.
- (31) P. Ndambomve, K. Ezzinbi, On the controllability of some nonlinear partial functional integrodifferential equations with finite delay in Banach spaces. *Differ. Equ. Dyn. Syst.* 29 (2021), no. 3, 673–688.
- (32) A. Diop, M. A. Diop and K. Ezzinbi, Existence results for a class of random delay integrodifferential equations. *Random Oper. Stoch. Equ.* 29 (2021), no. 2, 79–86.
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- (34) A.K. Dianda, K. Ezzinbi and K. Khalil, Kamal Stepanov ergodic perturbations for nonautonomous evolution equations in Banach spaces. *Adv. Oper. Theory* 8 (2023), no. 2, Paper No. 21, 23 pp.
- (35) K. Ezzinbi and M.A. Taoudi, A new existence theory for periodic solutions to evolution equations. *Applicable Analysis*, 99 (2020), no. 11, 1939–1952.
- (36) M. A. Diop, K. Ezzinbi, I. Louk-Man and R. Kasinathan, Stability for some impulsive neutral stochastic functional integro-differential equations driven by fractional Brownian motion. *Cogent Math. Stat.* 7 (2020), no. 1, Art. ID 1782120, 24 pp.
- (37) B., F. Mbounja, B. David; K.Ezzinbi, S.Fatajou and D. E. Houpa, Convolutions in μ -pseudo almost periodic and μ -pseudo almost automorphic function spaces and applications to solve integral equations. *Nonautonomous. Dynamical Systems*, 7 (2020), no. 1, 32–52.

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- (39) H. Hammouche, M. Lemkeddem, K. Guerbati and K. Ezzinbi, Existence results for some impulsive partial functional fractional differential equations. *Asian-Eur. J. Math.* 13 (2020), no. 4, 2050074, 23 pp.
- (40) K. Ezzinbi, A survey on new methods for partial functional differential equations and applications. *Afr. Mat.* 31 (2020), no. 1, 89–113.
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- (43) K. Ezzinbi, S. Ghnimi and M.A.Taoudi, Existence results for some nonlocal partial integrodifferential equations without compactness or equicontinuity. *J. Fixed Point Theory and Appl.* 21, no. 2, Art. 53, 24 pp, (2019).
- (44) K. Ezzinbi and R. S. Lalaoui, Delay independent stability for some partial functional differential equations with infinite delay under the light of positivity. *SeMA J.* 76, no. 2, 295–308, (2019).
- (45) M. Dieye, M. A. Diop and K.Ezzinbi, Almost sure asymptotic stability for some stochastic partial functional integrodifferential equations on Hilbert spaces. *Cogent Math. Stat.* 6 , no. 1, Art. ID 1602928, pp15, (2019).
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- (47) F.K.Allognissode, M.A. Diop, K.Ezzinbi, and C.Ogouyandjou, Stochastic partial functional integrodifferential equations driven by a sub-fractional Brownian motion, existence and asymptotic behavior. *Random Oper. Stoch. Equ.* 27 , no. 2, 107–122, (2019).
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- (49) B., Mahmoud, K. Ezzinbi, K. Kamal and L. Maniar, Almost automorphic solutions for nonautonomous parabolic evolution equations. *Semigroup Forum* 99 , no. 3, 525–567, (2019).

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- (53) M. Dieye, M. A. Diop and K. Ezzinbi, Necessary Conditions of Optimality for Some Stochastic Integrodifferential Equations of Neutral Type on Hilbert Spaces. *Appl. Math. Optim.* 77, No. 2, 343–375 ,(2018).
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- (63) E. Ait Dads, B. Es-sebbar, K. Ezzinbi and M. Ziat, Behavior of bounded solutions for some almost periodic neutral partial functional differential equations. *Math. Methods Appl. Sci.* 40, No. 7, 2377–2397 (2017).
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- (65) K. Ezzinbi, M. Miraoui and A. Rebey, μ -pseudo almost periodic solutions in the \blacksquare -norm to some neutral partial differential equations with finite delay. *Dyn. Contin. Discrete Impuls. Syst. Ser. B Appl. Algorithms* 24, No. 1, 83–96 (2017).
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- (70) M. Dieye, M. A. Diop and K. Ezzinbi, On the exponential stability of mild solutions for some stochastic partial integrodifferential equations. *Statistics and Probability Letters*, 123, 61–76, (2017).
- (71) M. A. Diop, K. Ezzinbi and M. M. Mbaye, Existence and global attractiveness of a square-mean μ -pseudo almost automorphic solution for some stochastic evolution equation driven by Lévy noise. *Math. Nachr.* 290, No. 8–9, 1260–1280, (2017).
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5. Books

- T. Diagana, K. Ezzinbi and O. Stanislas (Editors), Partial differential equations and applications, Springer, Proc. Math. Stat., 420Springer, Cham, 2023, x+347 pp. ISBN: 978-3-031-27660-6; 978-3-031-27661-3.
- Partial functional differential equations and their applications, (in progress).
- Differential equations and dynamical systems, theory and applications, (in progress).

6. Chapters of Books

- K.Ezzinbi, Khalil, B. A. Kyelem and O. Stanislas, Existence, regularity, and stability in the \blacksquare -norm for some neutral partial functional differential equations in fading memory spaces, Springer Proc. Math. Stat., 420, Springer, Cham, 2023, 185–229.
- K.Ezzinbi, Khalil, B. A. Kyelem and O. Stanislas, Existence of local and maximal mild solutions for some non-autonomous functional differential equation with finite delay, Springer Proc. Math. Stat., 420, Springer, Cham, 2023, 161–183. ISBN: 978-3-031-27660-6; 978-3-031-27661-3.
- M. Adimy, K. Ezzinbi and C. Marquet, Global attractor in alpha-norm for some partial functional differential equations of neutral and retarded type. Studies in evolution equations and related topics, 33–49, STEAM-H: Sci. Technol. Eng. Agric. Math. Health, Springer, Cham, [2021], ©2021.
- **Chapters 4 and 9** in Delay Differential Equations and Applications. Proceedings of the NATO Advanced Study Institute held in Marrakech, Morocco, 9-21 September 2002. NATO Science Series II: Mathematics, Physics and Chemistry 205. Dordrecht: Kluwer Academic Publishers.
- **Chapter 4** in Theoretical and Applied Aspects for Some Partial Differential Equations, French Society of Mathematics, Section Seminar and Congress, ISSN:1285-2783, (2009).
- Chapter 3**, Partial functional differential equations: reduction of complexity and applications, New Frontiers of Multidisciplinary Research in STEAM-H (Science, Technology,

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7. Distinctions and Awards

- TWAS award of Mathematics 2022.
- COMSTECH Award in Mathematics 2019.
- AMMSI Phillip- Griffiths prize 2018- Award for Outstanding Research & Mentorship.
- Award for Outstanding Research & Mentorship, 9th PAN AFRICAN CONGRESS OF MATHEMATICIANS (PACOM 2017), Rabat, Morocco.
- Fulbright Award 2007.

8. Research Grant

- Federation Arrangement Scheme of the ICTP, January 2014-December 2016.
- Senior associate member to the ICTP: the Abdus Salam International Centre for Theoretical Physics, Trieste, Italy, January 2012-December 2017.
- Grand Prix pour l'Invention et la Recherche en Sciences et Technologie, Ministère de l'Enseignement Supérieur et l'Académie Hassane II des Sciences et Techniques (Edition 2009).
- Regular associate member to the ICTP: the Abdus Salam International Centre for Theoretical Physics, Trieste, Italy, March 2004-December 12, 2011.
- Federation Arrangement Scheme of the ICTP, January 2010-December 2012.
- Federation Arrangement Scheme of the ICTP, January 2007-September 2009.
- Regular associate member to the ICTP: the Abdus Salam International Centre for Theoretical Physics, Trieste, Italy, March 2004-December 12, 2009.
- Grant from CNCPRST-Maroc and CNRS-France: SPM 07/09.
- Grant from CNCPRST-Maroc and CNRS-France: SPM 07/08.
- Grant from CNCPRST-Maroc and CNRS-France: SPM10/06.
- Grant from CNCPRST-Maroc and CNRS-France: SPM 6292.
- Grant from CNCPRST-Maroc and CNRS-France: SPM10/05.
- Third World Academy of Sciences (TWAS), Ref: 03-030RG/MATHS/AF/AC.
- Third World Academy of Sciences (TWAS), Ref: 00-412RG/MATHS/AF/AC.

9. Academic Experience

- Visiting Professor, Abomey-Calavi university, Institut of Mathematics and Physical Sciences, Porto-Novo, Bénin, February 24-March 4, 2018.
- Visiting Professor, African University of Science and Technology, Abudja, Nigeria, July, 2017.
- Visiting Professor, African University of Science and Technology, Abudja, Nigeria, August-September, 2016.
- Visiting Professor, Laboratory of Applied Mathematics, University of Pau, France, November 2-7, 2015.
- Visiting Professor, University of Saint-Louis, Senegal, August-September, 2015.
- Visiting Professor, African University of Science and Technology, Abudja, Nigeria, July 5 -24, 2015.
- Visiting Professor, Laboratory of Applied Mathematics, University of Pau, France, September 7-13, 2014.
- Visiting Professor, African University of Science and Technology, Abudja, Nigeria, July 6 -August 17, 2014.
- Visiting Professor, Laboratory of Applied Mathematics, University of Pau, France, September 8-16, 2013.
- Visiting Professor, African University of Science and Technology, Abudja, Nigeria, July 15 -August 4, 2013.
- Visiting Professor, Antilles and Guyane University, Martinique, May 13-17, 2013.
- Visiting Professor, Lyon 1 University, France, September 3-29, 2012.
- Visiting Professor, African University of Science and Technology, Abudja, Nigeria, August, 2012.
- Visiting Professor, Department of Mathematics, Gaston Berger University, Saint Louis, Senegal, July 1-14, 2012.
- Visiting Professor, Laboratory of Applied Mathematics, University of Pau, France, November 15-24, 2011.
- Visiting Professor, Department of Mathematics, East China Normal University, Shanghai, China, September 16-26, 2011.
- Visiting Professor, Department of Mathematics, Gaston Berger University, Saint Louis, Senegal, July 1-15, 2011.
- Visiting Professor, Department of Mathematics, Pacific Lutheran University, Tacoma, Washington, USA, May 3-15, 2011.

- Visiting Professor, Laboratory of Applied Mathematics, University of Pau, France, 22 November-22 December, 2010.
- Visiting Professor, African University of Science and Technology, Abudja, Nigeria, August, 2010.
- Visiting Professor, African University of Science and Technology, Abudja, Nigeria, August 2, 29, 2009.
- Visiting Professor, Laboratory of Applied Mathematics, University of Pau, France, June 1-30, 2009.
- Visiting Professor, University Saida, Algeria, April 27-May 1, 2009.
- Visiting Professor, University Sfax, Tunisia, March 15-21, 2009.
- Visiting Professor, AIMS: African Institute for Mathematical Sciences, University of Stellenbosch, Cap Town, South Africa, January 3-19, 2009.
- Visiting Professor, Laboratory of Applied Mathematics, University of Pau, France, September 1-30, 2008.
- Visiting Professor, University Cheikh Anata Diop, Senegal, July 6-14, 2008.
- Visiting Professor, AIMS: African Institute for Mathematical Sciences, University of Stellenbosch, Cap Town, South Africa, March 3-April 2, 2008.
- Visiting Professor, INRIA Futurs, Bordeaux University, France, September 2-30, 2007.
- Visiting Professor, Department of Mathematics, Morgan State University, USA, June 29-July 2, 2007.
- Visiting Professor, Department of Mathematics, Iowa State University, USA, May 20-26, 2007.
- Fulbrighter Visiting Professor, Department of Mathematics, Pacific Lutheran University, Tacoma, Washington, USA, April 14-July 13, 2007.
- Regular associate visiting the Abdus Salam International Centre for Theoretical Physics, ICTP-Trieste, Italy, July 2-September 2, 2006.
- Visiting Professor, Laboratory of Applied Mathematics, University of Pau, France, May 3-31, 2006.
- Visiting Professor, Laboratory of Applied Mathematics, University of Pau, France, September 4-30, 2005.
- Regular associate visiting the Abdus Salam International Centre for Theoretical Physics, ICTP-Trieste, Italy, May 1-July 15, 2005.
- Visiting Professor, Department of Mathematics, Pacific Lutheran University, Tacoma, Washington, USA, March 8-30, 2005.

- Visiting Professor, Laboratory of Applied Mathematics, University of Pau, France, September 3-30, 2004.
- Visiting Professor, Research Institut for Development, IRD, Bondy, Paris, January 23-31, 2004.
- Visiting Professor, Laboratory of Applied Mathematics, University of Pau, France, June 5-14, 2003.
- Visiting Professor, Department of Mathematics, University of Tuebingen, Germany, June 22-27, 2003.
- Visiting Professor, Department of Mathematics, University of Lebanon, Beirut, November 18-28, 2002.
- Visiting Professor, Research Institut for Development, IRD, Bondy Paris, France, May 15-June 15, 2002.
- Visiting Professor, Laboratory of Applied Mathematics, University of Pau, France, June 1-30, 2001.
- Visiting Professor, Department of Mathematics and Statistics, York University, Ontario, Canada, April 14-May 1, 2001.
- Visiting Professor, Department of Mathematics, Pacific Lutheran University, Tacoma, Washington, USA, May 2-19, 2001.
- Visiting Professor, CAMS : Centre of Advanced Mathematical Sciences of the American University of Beirut, March 14-30, 2001.
- Visiting Professor, Department of Mathematics, Metropolitan State University, Minneapolis, Menosota, USA, January 30-February 5, 2000.
- Visiting Professor, Departement of Mathematics, Nashville-Tennessee University, USA, June 2-7, 1998.
- Visiting Professor, Department of Mathematics, Pacific Lutheran University, Tacoma, Washington, USA, May 1-June 30, 1998.

10. Conferences and Workshops: Since September 2002

- 3rd International conference on Mathematics: Education, Theory, and Applications, (Plenary speaker), October 20, 2020, Surakarta, Universitas Sebelas Maret, Indonesia.
- RAMA11, November 21-24, 2019, (Plenary speaker), Sidi Bel Abès, Algeria.
- Conference on partial differential equations and applications,(Plenary speaker), November 5-9, 2018, Burkina-Faso.
- African Days on Applied Mathematics, (Plenary speaker), November 2-4, 2017, Errachida, Morocco.

-Conférence Internationale de Mathématiques Appliquées (ICAM'2017), (Plenary speaker) October 19 - 20, 2017, Taza, Morocco.

-9th Pan African Congress of Mathematicians (PACOM 2017), (Plenary speaker), Rabat, July 3 to 7, 2017.

-4th European-Maghreb Workshop on Semigroup Theory, Evolution Equations and Applications (Scientific Committe), Marrakesh, September 22-26, 2014.

-Workshop on Biomathematics, Bobo Dioulasso, Burkina Faso, April 21-26, 2014.

-General Assembly of the African Academy of Sciences, Brazaville-Congo, April 14-17, 2014.

-1st WSEAS International Conference on Pure Mathematics, (PUMA'14), (Scientific Committe), Tenerife, Spain, January 10-12, 2014.

- International Conference in Science and Development in Africa, Organized by the National Academy of Sciences and Technics of Senegal and the French Academy of Sciences, Dakar, Senegal, October 30-November 3, 2012.

- CIMPA School on Nonlinear Evolution Equations and Applications, Hammamet, Tunisia, March 22-31, 2012, (Lecturer).

- Workshop on Mathematical Sciences and its Applications, OIC Standing Committee on Scientific and Technology Cooperation (COMSTECH), Islamabad, Pakistan, May 23-25, 2011

-CIMPA School on Modelling in Nonlinear Systems and Applications, Senegal- Dakar, April 5-15, 2011, (Organizing committee and Lecturer).

- Workshop on Applied Mathematics, Mouloud Mammeri University, Tizi-Ouazou, Ageria, January 9-11, 2011.

-2nd mathematical conference in Kairouan , Partial Differential Equations, Spectral Theory and Applications, Tunisie, November 4-6, 2010.

- International Workshop on Modeling and Simulation of Complex Systems, Hanoi-Vietnam, October 29-30, 2009.

- Trainning Session on Agent-Based Modeling, Introduction to the GAMA and PAMS Paltforms, Hanoi-Vientnam, October 26-28, 2009.

- CIMPA School on Control Theory and Partial Differential Equations, Marrakech May 10-23, 2009, (Organizing committee).

- Evolution Equations and Dynamical Systems, Tunisia, Hammamet, March 23-27, 2009

-Workshop on Partial Differential Equations and Applications, Nouakchott, Mauritanie, August 3-14, 2008.

-Workshop on Biomathematics, Senegal, Saint-Louis, May 12-16, 2008.

- 1st International Conference and Workshop on Mathematical Biology, Marrakesh, January, 3-8, 2008.

- 1st African Conference on Applied Mathematics Research (CARMA), Ouagadougou, Burkina Faso, November 12-17, 2007.

- 2nd International Conference in Mathematics and their applications in Sahel Development, Ouagadougou, Burkina Faso, November 27- December 2, 2006.

- World Conference on Differential Equations and Applications, Marrakech, June 15-20 2006, (Organizing a special session on partial functional differential equations and evolution equations).

- 5th European-Maghreb workshop on semigroup theory, evolution equations and applications, Hammamet, Tunisia, March 28-April 1, 2006.

- IX International Conference on Applied Mathematics and Statistics, Jaca, Spain, September 19-21, 2005.

- Workshop on Analytic Semigroups and Reaction Diffusion Problems, Centro Santa Chiara, Casalmaggiore, Parma, Italy, June 5-11, 2005.

- Meeting Bordeaux-Pau-Toulouse, Anglet, France, October 1-2, 2004.

- CIMPA School on Theoretical and Applied Aspects of Some Partial Differential Equations Coming From Geometry or Physics, Damascus, Syria, May 15-27, 2004.

- 4th European-Maghreb Workshop on Semigroup Theory, Evolution Equations and Applications, Freudenstadt, Germany, March 29-April 3, 2004.

- Second Conference on Mathematical Ecology, Alcala, Spain, September 5-9, 2003.

- Workshop on Matrix Operators and Applications, Heinrich-Fabri-Institute, Blaubeuren, Allemagne, June 15-21, 2003.

- 1st International Conference on Mathematical Modeling, Telemcen-Algeria, May 10-12, 2003.

- CIMPA School on Delay Differential Equations and Applications, Marrakesh, September 9-21, 2002.

11. Membership in Professional Organization

- I have been nominated as a permanent member of the African Academy of Sciences since December 2009, (see: www.aasciences.org).
- African Mathematical Union, member of research and innovation commission, since july 2017.
- AAS Membership Advisory Committee on Mathematical Sciences since 2014.
- AMS- American Mathematical Society.
- Moroccan Fulbright Alumni Association.
- Mathematical Analysis and Applications Arab Network (Member and Founder), <http://www.ma3n.org>.
- Moroccan Applied Mathematical Society.
- African Society for Biomathematics (Member and Founder).

12. Editorial Board

- Journal of Nonlinear Evolution Equations and Applications (Editor in Chief).
- Global and Stochastic Analysis.
- Research in Applied Mathematics.
- Afrika Matematika.
- Moroccan Journal of Pure and Applied Analysis(MJPAA), Global Science Journals.
- Journal of Mathematics Research.
- International Journal of Mathematics and Computers in Simulation.
- International Journal of Pure Mathematics.
- The Scientific World Journal
- International Journal of Scientific and Innovative Mathematical Research.
- Journal of Scientific Research and Reports.
- Applied Science Segment.
- IMHOTEP-African Journal of Pure and Applied Mathematics.
- International Scholarly Research Network Mathematical Analysis Journal, (<http://www.isrn.com/journals/>)
- International Journal of Evolution Equations.
- Abstract and Applied Analysis.
- Intrenational Journal of Differential Equations.

-Journal of Abstract Differential Equations and Applications.

-The African Diaspora Journal of Mathematics.

-International Journal of Statistika and Matematika

-Nature and Technology.

-Guest Editor in a special issue of Studia Universalis: Modélisation informatique et mathématique des systèmes complexes (2011).

13. Supervised Ph-D Students

- (1) -**Mohammed Kriche** (Sidi Mohamed Ben Abdellah University, Morocco Ph-D), 2023.
- (2) -**Mohamed Ziat** (Moulay Ismail University, Morocco, Ph-D), 2022.
- (3) -**DIANDA Abdoul Aziz Kalifa** (University Ouagadougou 1, Ph-D), 2022.
- (4) -**Saif Ghnimi** (Gafsa University, Tunisia, HDR), 2021.
- (5) -**Mbounja Fritz** (University of Yaoundé 1, Ph-D), 2021.
- (6) -**Kamal Khalil** (Cadi Ayyad University, Morocco, Ph-D), February 2020.
- (7) -**Nadia Drisi** (Cadi Ayyad University, Morocco, Ph-D), June 2019.
- (8) -**Moussa El-Khalil Kpoumie** (University of Yaoundé 1, Ph-D), October 2018.
- (9) -**Moustapha Dieye** (Gaston-Berger University, Senegal, Ph-D), October 2018.
- (10) -**Sylvain Koumla** (From Tchad, Gaston-Berger University, Senegal, Ph-D), August 2017.
- (11) -**Mouhamadou Alpha Diallo**, (Cheikh Anta Diop University, Senegal, Ph-D), May 9, 2017.
- (12) -**Brahim Es-sebbar**, (Cadi Ayyad University, Morocco, Ph-D), June 2016.
- (13) -**Omar Bennihi**, (University Djillali Liabes, Algeria, Ph-D), February 2016, Bennihi is now an assistant professor at Saida University, Algeria.
- (14) -**Patrice Ndambomve**, (African University of Sciences and Technology, Abudja, Nigeria, Ph-D), February 2016, Patrice is now an assistant professor at Buea University, Cameroun.
- (15) -**Abdelkarim-Nidal Akdad**, (Cadi Ayyad University, Morocco, Ph-D), November 2015.
- (16) -**Miraoui Mohsen**, (Sfax University, Tunisia, Ph-D), September 2015.

- (17) -**Boubacer Diao**, (Gaston-Berger University, Senegal, Ph-D), August 2015.
- (18) -**Mamadou Moustapha Mbaye**, (Gaston-Berger University, Senegal, Ph-D), January 2015.
- (19) -**Modou Lo** (Gaston-Berger University, Senegal, Ph-D), February 2014.
- (20) - **Samir Fatajou** (Cadi Ayyad University, Morocco, Habilitation, November 2014), Fatajou is now an associate professor at ENSA, Safi, Morocco
- (21) -**Bila AdolpheKyelem** (Ouagadougou University, Burkina-Faso, Ph-D), December 2013, Kyelem is now an assistant professor at Ouagadougou I, University, Burkina-Faso.
- (22) -**Lotfi Souden** (Sfax University, Tunisia, Ph-D), November 2013, Lotfi is now an assistant professor at Gafsa university, Tunisia.
- (23) -**Rebey Amor** (Sfax University, Tunisia, Ph-D), February 2013, Rebey is now an assistant professor at Kairwan university, Tunisia.
- (24) -**Sara Litimein** (Sidi Bell Abes University, Algeria, Ph-D), October 2012, Sara is now an assistant professor at Sidi Bel Abbes University, Algeria.
- (25) -**Saif Ghnimi** (Sfax University Tunisia, Ph-D), February 2010, Ghnimi is now an assistant professor at Gafsa University, Tunisia.
- (26) -**Boukli Nadira** (Tlemcen University, Algeria, Ph-D), November 2009, Nadira is now a professor at Tlemcen University, Algeria.
- (27) -**Issa Zabsonre** (Ouagadougou University, Burkina-Faso, Ph-D), October 2009, Zabsonre is now an associate professor at Ouagadougou University.
- (28) -**Mohamed Alia** (Cadi Ayyad University, Morocco, Ph-D July 2009), Alia is now an assistant professor at Regional Educational Center of Marrakesh, Morocco.
- (29) - **Samir Fatajou** (Cadi Ayyad University Morocco, Ph-D, April 2008).
- (30) - **Abdelhai Elazzouzi** (Cadi Ayyad University, Morocco, Ph-D, April 2007), El Azzouzi is now an assistant professor at PF-Taza, Morocco.
- (31) - **Aziz Ouhinou** (Cadi Ayyad University, Morocco, Ph-D, April 2007), Ouhinou is now an assistant professor at Beni-Mellah Faculty of Sciences and Technics, Morocco.
- (32) -**Hassane Bouzahir** (Cadi Ayyad University, Morocco, Ph-D, April 2001), Bouzahir is now an assistant professor at ENSA, Agadir, Morocco.

14. ADMINISTRATION

- Head of the mathematics departement of the Faculty of Sciences Semlalia, Cadi Ayyad University From January 1, 2010 up to February 30, 2012.

-Directore of Laboratory of Mathematics and Dynamics of Populations, Since 2016.

15. **Reviewer**

- Journal of Functional Analysis.
- Applied Mathematics and Computers.
- Acta Applicanda Mathematicae.
- Nonlinear Studies.
- Bulletin of the Malaysian Mathematical Society.
- Differential and Integral Equations.
- Electronic Journal of Differential Equations.
- International Journal of Mathematics and Mathematical Sciences.
- Journal of Differential Equations.
- Journal of Franklin Institute.
- Journal of Mathematical Analysis and Applications.
- Mathematical and Computers Modeling.
- Nonlinear Analysis, Theory, Methods and Applications.
- Proceeding of the Edinburgh Mathematical Society.
- Proceeding of London Mathematical Society.
- Zentralblatt MATH.
- Mathematical Reviews.