# السيرة الذاتية

## أولاً : البيانات الشخصية

**Name: Abdelfatah Bouziani**
**Date of Birth:   December 19, 1963**
**Place of Birth: Ain Beida,Algeria**
**Nationality: Algerian**
**Profession: University Professor**
**Rank: Professor and Research Director**
**Numerical Analysis**

قسم الرياضيات والاعلام الالي، جامعة ام البواقي

**الايميل:** aefbouziani1963@gmail.com و bouziani@univ-oeb.dz : email

## ثـانـيـاً: هوية الباحث

- https://scholar.google.com/citations?user=hb70MTEAAAAJ&hl=en

- https://www.researchgate.net/profile/Bouziani-Abdelfatah

- https://orcid.org/0000-0002-6479-1265

## ثـالـثا: المؤهلات الـعـلـمـيـة

| التخصص | اسـم الجامعـة | سـنة التخرج | الدرجـة |
|---|---|---|---|
| **Partial Differential Equations** | University of Constantine | 1996 | **PhD** |
| **Functional Analysis** | University of Constantine 1 | 1992 | **Master** |
| **Partial Differential Equations** | University of Constantine 1 | 1987 | **DES** |

| الفترة الزمنية | جهة العمل | الوظيفة |
|---|---|---|
| 1989/10/01- 1988/10/01 | Asma bint aboukar high school | Second teacher |
| 1992/06/21-1989/10/01 | University of Constantine 1 | Assistant |
| 1995/05/16-1992/06/22 | University of Oum El Bouaghi | Assistant professor B |
| 1996/12/02-1995/05/17 | University of Oum El Bouaghi | Assistant professor A |
| 2002/12/11-1996/12/03 | University of Oum El Bouaghi | Lecturer |
| من 2002/12/12 الى اليوم | University of Oum El Bouaghi | Research Director |

**خامساً : الـخـبـرات الـتدريسية**

Analysis 1,

Analysis 2,

Numerical analysis 1,

Numerical analysis 2,

Differential Equations,

Mathematical Physics Equations,

Partial Differential Equations, …

**سادساً: البحوث الـعلـمـيـة**

**البحوث الـعلـمـيـة المنشورة**

1. A. Bouziani, Mixed problem for certain nonclassical equations with a small parameter, Bulletin de la Classe des Sciences, Académie Royale des Sciences de Belgique, Vol. 5, 389-400, 1994, MR1384122 (97a:35033).
2. A. Bouziani, Problème aux limites pour certaines équations de type non classique du troisième ordre. (French) [A boundary value problem for certain nonclassical third-order equations], Bulletin de la Classe des Sciences,

2

Académie Royale des Sciences de Belgique, Vol. 6, 215-222, 1995, MR1427336 (98c:35023).

3. A. Bouziani & N-E. Benouar, Problème mixte avec conditions intégrales pour une classe d'équations paraboliques. (French) [Mixed problem with integral conditions for certain parabolic equations], Comptes Rendus de l'Académie des Sciences, Paris, Vol. 321, Série I, 1177-1182, 1995, MR1360779 (97f:35085).

4. A. Bouziani & N-E. Benouar, Problème aux limites pour une classe d'équations de type non classique pour une structure pluri-dimensionnelle. (French) [Boundary value problem for a class of nonclassical equations for a multidimensional structure], Bulletin of the Polish Academy of Sciences -- Mathematics, Vol. 43, N° 4, 317-328, 1995, MR1414788 (97k:35031).

5. A. Bouziani, Mixed problem with integral conditions for a certain parabolic equation, Journal of Applied Mathematics and Stochastic Analysis, Vol. 9, N°3, 323-330, 1996, MR1409736 (97f:35090).

6. A. Bouziani & N-E. Benouar, Problème mixte avec conditions intégrales pour une classe d'équations hyperboliques. (French) [Mixed problems with integral conditions for a class of hyperbolic equations], Bulletin of the Belgian Mathematical Society Sim. Stev., Vol. 31, 125-133, 1996, MR1389608 (97i:35100).

7. A. Bouziani, Solution forte d'un problème de transmission parabolique-hyperbolique pour une structure pluridimensionnelle. (French) [Strong solution of a parabolic-hyperbolic jump problem for a multidimensional structure], Bulletin de la Classe des Sciences, Académie Royale des Sciences de Belgique, Vol. 7, 369-386,1996, MR1617204 (99c:35173).

8. A. Bouziani, Solution forte d'un problème mixte avec condition intégrale pour une classe d'équations paraboliques. (French) [Strong solutions of a mixed problem with an integral condition for a class of parabolic equations], Maghreb Mathematical Review, Vol. 6, N°1, 1-17, 1997, MR1489162 (99a:35109).

9. A. Bouziani, Strong solution for a mixed problem with nonlocal condition for certain pluriparabolic equations, Hiroshima Mathematical Journal, Vol. 27, N°3, 373-390, 1997, MR1482946 (2000k:35159).

10. A. Bouziani, Solution forte d'un problème mixte avec une condition non locale pour une classe d'équations hyperboliques. (French) [Strong solution of a mixed problem with a nonlocal condition for a class of hyperbolic equations], Bulletin de la Classe des Sciences, Académie Royale des Sciences de Belgique, Vol. 8, 53-70, 1997, MR1625101 (99f:35118).

11. A. Bouziani, Strong solution to a mixed problem for certain pseudo-parabolic equation of variable order, Annales de Mathématiques de

l'Université de Sidi Bel Abbès , Vol. 5, 1-10, 1998, MR1845542 (2002e:35144).

12. A. Bouziani & N-E. Benouar, Mixed problem with integral conditions for a third order parabolic equation, Kobe Journal of Mathematics, Vol. 15, N°1, 47-58, 1998, MR1654526 (99j:35087).

13. S. Mesloub & A. Bouziani, Problème mixte avec conditions aux limites intégrales pour une classe d'équations paraboliques bi-dimensionnelles, Bulletin de la Classe des Sciences, Académie Royale des Sciences de Belgique, Vol. 9, 59-71, 1998, MR1673404 (2000c:35086).

14. A. Bouziani, On a class of parabolic equations with a nonlocal boundary condition, Bulletin de la Classe des Sciences, Académie Royale des Sciences de Belgique, Vol. 10, 61-77, 1999, MR1729204 (2000k:35119).

15. A. Bouziani, Sur un problème parabolique avec des conditions intégrales. (French) [On a parabolic problem with integral conditions] 2ième Colloque National en Analyse Fonctionnelle et Applications (Sidi Bel Abbès, 1997), Ann. Math. Univ. Sidi Bel Abbès, 6 (1999), 55--66, MR1851421.

16. S. Mesloub & A. Bouziani, On a class of singular hyperbolic equation with a weighted integral condition, International Journal of Mathematics and Mathematical Sciences, Vol. 22, N°3, 511-519, 1999, MR1717171 (2000j:35166).

17. A. Bouziani, On a third order parabolic equation with a nonlocal boundary condition, Journal of Applied Mathematics and Stochastic Analysis, Vol 13, N° 2, 181-195 (2000), MR1875425 (2002j:35197).

18. A. Bouziani, Strong solution to an hyperbolic evolution problem with nonlocal boundary conditions, Maghreb Math. Rev., 9, no. 1-2, 71--84, 2000 MR1875425 (2002j:35197).

19. A. Bouziani & N-E. Benouar, Sur un problème mixte avec uniquement des conditions aux limites intégrales pour une classe d'équations paraboliques. (French) [A mixed problem with only integral boundary conditions for a class of parabolic equations], Maghreb Math. Rev., 9, no. 1-2, 55--70, 2000, MR1875424 (2002k:35132).

20. A. Bouziani, On the solvability of nonlocal pluriparabolic problems, Electronic Journal of Differential equations, Vol. 2001 (2001), no. 21, 1-16, MR1824791 (2001m:35188).

21. S. Mesloub & A. Bouziani, Mixed problem with integral conditions for a certain class of hyperbolic equations, Journal of Applied Mathematics, Vol. 1 (2001), no. 3, 107-116, MR1863973 (2002h:35162).

22. A. Bouziani, Weak solutions to linear and semilinear parabolic equations with a nonlocal condition, Engineering Simulation, Vol. 18 (2001), 599-619.

23. A. Bouziani, On a class of composite equations with nonlocal boundary conditions, Electronic Modeling, Vol. 23 (2001), no. 6, 34-41.

24. A. Bouziani, Initial-boundary values problem with nonlocal condition for a viscosity equation, International Journal of Mathematics and Mathematical Sciences, Vol. 30 (2002), 327-338, MR1904673 (2003g:35135).

25. A. Bouziani, On the solvability of a class of singular parabolic equations with nonlocal boundary conditions in nonclassical function spaces, International Journal of Mathematics and Mathematical Sciences, Vol. 30 (2002), no. 7, 435-447, MR1908349 (2003i:35118).

26. A. Bouziani, On the solvability of parabolic and hyperbolic problems with a boundary integral condition, International Journal of Mathematics and Mathematical Sciences, Vol. 31 (2002), no. 4, 201-213, MR1923764 (2003i:35177).

27. A. Bouziani, On three-point boundary-value problem with a weighted integral condition for a class of singular parabolic equations, Abstract and Applied Analysis, Vol. 7 (2002), no. 10, 517-530, MR1932703 (2003h:35095).

28. A. Bouziani, On a class of nonclassical hyperbolic equations with nonlocal conditions, Journal of Applied Mathematics and Stochastic Analysis, Vol. 15 (2002), no. 2, 135-153, MR1913890 (2003i:35178).

29. A. Bouziani, On the solvability of a class of parabolic equations with weighted integral conditions, Electronic Modeling, Vol. 24 (2002), no. 4, 15-32.

30. A. Bouziani, On the quasistatic flexure of a thermoelastic rod, Communications in Applied Analysis, Vol. 15 (2002), no. 2, 549-568, MR1932320 (2003h:74044).

31. S. Mesloub, A. Bouziani & N. Kechkar, A strong solution for an evolution problem with integral conditions, Georgian Mathematical Journal, Vol. 9 (2002), no. 1, 149-159, MR1916495 (2003d:35120).

32. S. Mesloub & A. Bouziani, Mixed problem with a weighted integral condition for a parabolic equation with the Bessel operator, Journal of Applied Mathematics and Stochastic Analysis, Vol. 15 (2002), no. 3, 291-300, MR1930954 (2003h:35097).

33. A. Bouziani, On the weak solution of three-point boundary-value problem for a class of parabolic equations with energy specification, Abstract and Applied Analysis, Vol. 2003 (2003), no. 10, 573-589, MR1990853 (2004j:35118).

34. A. Bouziani, On initial-boundary value problem with Dirichlet-integral conditions for an hyperbolic equation with the Bessel operator, Journal of

Applied Mathematics, Vol. 2003 (2003), no. 10, 487-502, MR2013786 (2004k:35239.

35. N. Merazga & A. Bouziani, Rothe method for a mixed problem with an integral condition for the two-dimensional diffusion equation, Abstract and Applied Analysis, Vol. 2003 (2003), no. 16, 899-922, MR2016516 (2004k:35166).

36. A. Bouziani, Solvability of a nonlinear pseudoparabolic equation with a nonlocal boundary condition, Nonlinear Analysis: Theory, Methods and Applications, Vol. 55 (2003), 883-904, MR2017233 (2004i:35197).

37. A. Bouziani, On the solvability of a nonlocal problem arising in dynamics of moisture transfert, Georgian Mathematical Journal, Vol. 10 (2003), no. 4, 607-622, MR2037766 (2004m:35157).

38. A. Bouziani, Initial-boundary value problems for a class of pseudoparabolic equations with integral boundary conditions, J. Math. Anal. Appl., Vol. 291 (2004), 371-386, MR2038177 (2004m:35158).

39. A. Bouziani, On a class of nonlinear reaction-diffusion systems with nonlocal boundary conditions, Abstract and Applied Analysis, Vol. 2004 (2004), no. 9, 793 - 813, MR2102602 (2005k:35210).

40. A. Bouziani, Mixed problem with only integral boundary conditions for an hyperbolic equation, International Journal of Mathematics and Mathematical Sciences, Vol. 2004, N° 26, 1279-1291, MR2085065 (2005c:35177).

41. A. Bouziani & N. Merazga, Rothe time-discretization method applied to a quasilinear wave equation subject to integral conditions, Advances in Difference Equations, Vol. 2004, N° 3, 211-235, MR2086870 (2005d:35172).

42. A. Bouziani & M. S. Temsi, On a pseudohyperbolic equation with a nonlocal boundary condition, Kobe Journal of Mathematics, Vol. 21 (2004), N° 1-2, 15-31, MR2140599 (2005k:35297).

43. N. Merazga & A. Bouziani, Rothe time-discretization method for a nonlocal problem arising in thermoelasticity, Journal of Applied Mathematics and Stochastic Analysis, 2005:1 (2005) 13-28, MR2140324 (2006c:35010).

44. A. Bouziani, Solution of a transmission problem for semilinear parabolic-hyperbolic equations by the time-discretization method, Journal of Applied Mathematics and Stochastic Analysis, Vol. 2006(2006), Article ID 61439, Pages 1--23, MR2220996 (2007e:65085).

45. A. Bouziani & I. Mounir, On the solvability of a class of reaction-diffusion systems, Mathematical Problems in Engineering, Vol. 2006, Article ID 47061, Pages 1--15, MR2244342 (2007c:35081).

46. A. Bouziani & N. Merazga, Solution to a semilinear pseudoparabolic problem with integral conditions, Electron. J. Differential Equations, Vol. 2006 (2006), No. 115, pp. 1-18, MR2255230 (2007d:35164).

47. N. Merazga & A. Bouziani, Rothe time-discretization method for the semilinear heat equation subject to a nonlocal boundary condition, Journal of Applied Mathematics and Stochastic Analysis, Volume 2006, Article ID34053, Pages1--20, MR2253525 (2007i:65064).

48. N. Merazga & A. Bouziani, On a time-discretization method for a semilinear heat equation with purely integral conditions in a nonclassical function space, Nonlinear Analysis: Theory, Methods and Applications, 66 (2007), 604-623, MR2274872 (2007g:35107).

49. A. Bouziani & N. Merazga, Solution to a transmission problem for quasilinear pseudoparabolic equations by the Rothe method, Electronic Journal of Qualitative Theory of Differential Equations, (2007) No. 14, 27 pp. (electronic), MR2326661 (2008c:35158).

50. A. Bouziani & I. Mounir, Existence and uniqueness of weak solution for a class of elliptic reaction-diffusion systems, Georgian Mathematical Journal, Vol 15 (2008), 619--625, MR2494960 (2010f:35071).

51. A. Bouziani, N. Merazga & S. Benamira, Galerkin method applied to parabolic evolution problem with nonlocal boundary conditions, Journal of Nonlinear Analysis - A: Theory, Methods & Applications, 69 (2008) 1515-1524, MR2424526 (2009i:35129). DOI:10.1016/j.na.2007.07.008 · 1.61 Impact Factor.

52. A. Bouziani, M. S. Temsi, On a Quasilinear Pseudohyperbolic Equations with a Nonlocal Boundary Condition, Int. Journal of Math. Analysis, Vol. 3 (2009), no. 3, 109 - 120, MR2517568.

53. S. Bensaid, A. Bouziani & M. Zereg, Backward Euler method for the diffusion equation with integral boundary specifications, Journal of Pure and Applied Mathematics: Advances and Applications, Volume 2, Number 2, (2009), Pages 169-185, MR2682041.

54. A. Bouziani & R. Mecheri, Rothe's Method to Semilinear Parabolic Integrodifferential Equation with a Nonclassical Boundary Conditions, International Journal of Stochastic Analysis, Volume 2010 (2010), Article ID 519-684, 16 pages, MR2678920 (2011i:35103).

55. A. Bouziani, Application of Rothe's method to a semilinear hyperbolic equation, Georgian Mathematical Journal, Volume 17, Issue 3, Pages 437--458, (2010), MR2719628.

56. S. Bensaid, A. Bouziani & M. Zereg, Modified backward Euler method for the heat equation subject to nonlocal boundary specifications, Applied Mathematical Sciences, Vol. 4, no. 31, (2010), 1509-1519, MR2643777.

57. T.-E. Oussaeif, A. Bouziani, and N. Gattal, Numerical Solution of Mixed Problem of Parabolic Equation with an Integral Conditions by using Finite Difference and Orthogonal Function Approximation, Mathematica Moravica, Vol. 16-2 (2012), 1--9.

58. T.-E. Oussaeif & A. Bouziani, Mixed Problem with an Integral Two-Space-Variables Condition for a Class of Hyperbolic Equations, International Journal of Analysis, Vol. 2013 (2013), Article ID 957163, 8 pages, http://dx.doi.org/10.1155/2013/957163.

59. A. Bouziani, T.-E. Oussaeif & L. Ben Aoua, A Mixed Problem with an Integral Two-Space-Variables Condition for Parabolic Equation with The Bessel Operator, Journal of Mathematics, Volume 2013, Article ID 457631, 8 pages, (2013).

60. A. Merad & A. Bouziani, Method of Solution for Integro-Differential Parabolic Equation with Purely Integral Conditions, Advances in Applied Mathematics and Approximation Theory, Springer Proceedings in Mathematics & Statistics 41, 317-327, (2013).

61. A. Bouziani & S. Bensaid, Modified Crank-Nicholson method for one-dimensional diffusion equation with nonlocal boundary conditions, Actes du 6eme colloque sur les "Tendances des Applications Mathématiques en Tunisie, Algérie, Maroc", Alger, 27-30 Avril 2013, Pages 341-347.

62. A. Merad & A. Bouziani, Laplace transform technique for pseudoparabolic equation with nonlocal conditions, TJMM, Vol. 5, No. 1, pp. 59-64 (2013).

63. A. Merad & A. Bouziani, The Laplace transform method for one dimonsional hyperbolic equation with purely integral conditions, Romanian journal of mathematics and computer science, Volume 3, issue 2, P. 191-204 (2013).

64. A. Merad & A. Bouziani, Numerical Solution for Parabolic Equation with Nonlocal Conditions, TJMM, Vol. 2, No. 2, P. 121-127 (2013).

65. A. Merad & A. Bouziani, A Computational method for integro-differential hyperbolic equation with integral condition, Commun. Fac. Sci. Univ. Ank. Series A1, Volume 62, Number 1, Pages 131-142 (2013).

66. A. Merad & A. Bouziani, Solvability the Telegraph Equations with Integral Conditions, TWMS Journal of Applied and Engineering Mathematics, Vol. 3, N. 2, pp.245-253 (2013).

67. A. Merad & A. Bouziani, Numerical Technique for Solving Klein-Gordon Equations with purely Integral Conditions, Mathematica Aeterna, Vol. 4, no. 1, p. 1-11 (2014).

68. T.-E. Oussaeif & A. Bouziani, Existence and uniqueness of solutions to parabolic fractional differential equations with integral conditions,

Electronic Journal of Differential equations, Vol. 2014 (2014), No. 179, pp. 1-10.

69. A. Merad & A. Bouziani and A. Serkan, Existence and Uniqueness of a Solution for Pseudohyperbolic equation with Nonlocal Boundary Condition, Applied Mathematics and Information Sciences, 9, No. 4, 1855-1861 (2015).

70. A. Merad & A. Bouziani and C. Ozel, Inversion Laplace transform for Integrodifferential Parabolic Equation with Purely Nonlocal conditions, Hacettepe Journal of Mathematics and Statistics, Volume 44 (5) (2015), 1087 -- 1097.

71. A. Merad & A. Bouziani, Numerical solutions of the hyperbolic equation with purely integral condition by using Laplace transform method, Palestine Journal of Mathematics, Vol. 4(1) (2015), 30--36.

72. A. Merad & A. Bouziani, O. Cenap, K. Adem, On solvability of the integrodifferential hyperbolic equation with purely nonlocal conditions. Acta Math. Sci. Ser. B Engl. Ed. 35 (2015), no. 3, 601--609. MR3334156 44A10.

73. T.-E. Oussaeif & A. Bouziani, Mixed problem with an integral two-space-variables condition for a parabolic equation, International Journal of Evolution Equations, Volume 9, Number 2, (2015), 181--198.

74. T.-E. Oussaeif & A. Bouziani, Solvability of nonlinear viscosity equation with a boundary integral condition, J. Nonl. Evol. Equ. Appl. (JNEEA) 2015 (2015) 31--45.

75. T.-E. Oussaeif & A. Bouziani, Inverse problem of a hyperbolic equation with an integral over determination condition, Electron. J. Diff. Equ., Vol. 2016 (2016), No. 138, pp. 1-7.

76. T.-E. Oussaeif & A. Bouziani, Mixed problem with an integral two-space variables condition for a third order parabolic equation, International Journal of Analysis and Applications, Volume 12, Number 2 (2016), 98-117, ISSN 2291-8639, http://www.etamaths.com

77. T.-E. Oussaeif & A. Bouziani, Nonlocal problem for a third order partial differential equation of mixed type with an integral two-space-variables condition, Communications in Optimization Theory, Vol. 2017 (2017), Article ID 16, pp. 1-16.

78. T.-E. Oussaeif & A. Bouziani, A priori estimates for weak solution for a time-fractional nonlinear reaction-diffusion equations with an integral condition, Chaos, Solitons & Fractals, Volume 103, (2017), Pages 79-89.

79. T.-E. Oussaeif & A. Bouziani, On determining the coefficient in a parabolic equation with nonlocal boundary and integral condition, Electron. J. Math. Anal. Appl. 6 (2018), no. 1, 94--102.

80. T.-E. Oussaeif & A. Bouziani, On a class of Hyperbolic Equation with an Integral two-space-variables condition with the Bessel operator, Advanced

Studies in Contemporary Mathematics, 28, (2018), Issue No. 1, Pages 83 - 92.

81. S. Dehilis, A. Bouziani and T.-E. Oussaeif, Study of Solution for a Parabolic Integrodifferential Equation with the Second Kind Integral Condition, International Journal of Analysis and Applications, Volume 16, Number 4 (2018), 569-593.

82. T.-E. Oussaeif & A. Bouziani, Solvability of Nonlinear Goursat Type Problem for Hyperbolic Equation with Integral Condition, Khayyam Journal of Mathematics 4 (2), (2018), 198-213.

83. S. Benamira, T.E. Oussaeif & A. Bouziani, Galerkin Finite Element Method for a Semi-linear Parabolic Equation with Purely Integral Conditions, Bol. Soc. Paran. Mat., (2019), 1-15.

84. A. Bouziani, S. Bensaid and S. Dehilis, A Second Order Accurate Difference Scheme for the Diffusion Equation with Nonlocal Nonlinear Boundary Conditions, Journal of Physical Mathematics, Volume 11:2, (2020), 1-6.

85. S. Benamira, T.E. Oussaeif & A. Bouziani, Study a semi-linear pseudo-parabolic problem with Neumann and integral conditions by using Galerkin mixed finite element method, Commun. Nonlinear Anal. 2 (2020), 44--55.

86. S. Bensaid, S. Dehilis and A. Bouziani, Explicit and implicit Crandall's scheme for the heat equation with nonlocal nonlinear conditions, International Journal of Analysis and Applications Vol. 19, Number 5 (2021), 660-673.

87. S. Dehilis, A. Bouziani and S. Bensaid, A Modified Backward Euler Scheme for the Diffusion Equation subject to nonlinear nonlocal boundary conditions, Eurasian Journal of Mathematical and Computer Applications, Volume 9, Issue 3 (2021) 16-28, ISSN 2306-6172.

88. S. Benamira, T-E Oussaeif, S. Dehilis, and A. Bouziani, Finite Element Method and numerical study for a super-linear reaction-diffusion problem with integral conditions, Innovative Journal of Mathematics, vol. 1 no. 1, 7-22, (2022).

89. S. Benamira, T-E Oussaeif, and A. Bouziani, Galerkin Finite Element Method for a Semi-linear Parabolic Equation with Purely Integral Conditions, Bol. Soc. Paran. Mat., (3s.) v. 2022 (40): 1-15 (2022).

ثامناً: اهتمامات و مؤهلات

# Main research interests

**Numerical Analysis of Fractional Odininary Differential Equation:** ■
- Fractional Taylor method,

**Fractional Runge-Kutta methods,**
**- Fractional prediction-correction methods, ..**
**- Fractional functional transformations**
■ **Numerical Analysis of Partial Differential Equation:**
**- Finite difference method, la méthode des éléments finis for stationary PDEs,**
**- Finite difference method, la méthode des éléments finis for evolution PDEs,**
**- Numerical algorithms for the resolution of large systems, ...**
■ **Numerical Analysis of Fractional Partial Differential Equation:**
**- Finite difference method for stationary FPDEs,**
**- Finite difference method for evolution FPDEs,**
**- Fractional numerical algorithms for the resolution of large systems, ...**

# Conferences, Seminars & Schools

1. Premier Colloque National en Analyse Mathématique Appliquée, 13-15 November 1993, Institute of Mathematics, Constantine University, Algeria.

2. Conférence Maghrébine sur les Equations Différentielles, 18-20 December 1994, Institut de Mathématiques, Badji Mokhtar, University of Annaba, Algeria.

3. Fifth International Colloquium on Differential Equations, 18-23 August 1994, Technical University, Plovdiv, Bulgaria.

4. Conférence Maghrébine sur les Equations Différentielles, 18-20 December 1997, Institut de Mathématiques, Badji Mokhtar, University of Annaba, Algeria.

5. Première Rencontre Nationale de Mathématiques et ses Applications, 12-13 May 1997, Department of Mathematics, Centre Universitaire de M'sila, Algeria.

6. Deuxième Colloque National en Analyse Fonctionnelle et Applications " 17-19 November 1997, Centre Universitaire Djillali Liabès, Sidi Bel Abbès, Algeria.

7. Journées d'Analyse de Jijel, 15-16 Décembre, 1997, Jijel, Algeria.

8. The $4^{th}$ International Mathematics Conference, Aug 24-26, 1998, Irbid, Jordan.

9. National Congress of Mathematics, 17-19 May 1999, Department of Mathematics, Badji Mokhtar University, Annaba, Algeria.

10. Meeting 2000 of Algerian Mathematicians, 04-06 June 2000, USTHB, Algeria.

11. First International Conference on Mathematical Science, November 21-23, 1999, Al Ain, United Arab Emirates.

12. LINUX and free Software for Pedagogy and Research, 11-15 November 2001,

The Larbi Ben M'Hidi University Centre, Oum El Bouaghi, Algeria.

13. Seminar Room, Main Building, 24 June, 2002, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

14. School and Conference on probability theory, 13-31 May 2002, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

15. Mathematics Seminar, 04 July 2002, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

16. School and Conference on algebraic K-theory and its applications, 8-26 July 2002, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

17. Round table on developing country access to on-line scientific publishing: sustainable alternatives, 4-5 July 2002, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

18. Ecole CIMPA: Aspects théoriques et appliqués de quelques EDP issus de la géométrie ou de la physique, 15-27 Mai 2004, Damas, Syria.

19. Mathematical Modeling for financial Markets (School), 11-22, September 2005, CIMPA-UNESCO-JORDAN, Irbid, Jordan.

20. Journées Algéro-Françaises de Mathématiques, 26-28 Novembre, 2005, Université de Constantine, Algérie.

21. Equations Differentielles Abstraites et Ordinaires, 13 au 18 mai, 2006, Tipaza, Algérie.

22. "Séminaire International de Mathématiques Appliquées et Simulation", 22-25 April 2007, the Larbi Ben M'Hidi University, Oum El Bouaghi, Algeria

23. School and Conference on Algebraic K-Theory and its Applications, 14 May - 1 June 2007, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

24. G8-UNESCO World Forum on 'Education, Research and Innovation: New Partnership for Sustainable Development', 10-12 May 2007, Trieste, Italy.

25. Africa Day 2007, the Role of the International Institutions in Trieste, 31 May 2007, Italy.

26. Summer School and Conference on Automorphic Forms and Shimura Varieties, 9 July - 27 July 2007, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

27. School and Workshop on Dynamical Systems, 30 June 2008 - 18 July 2008, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

28. School/Workshop on Integrable Systems and Scientific Computing, Co-sponsor: European Science Foundation (ESF) MISGAM Programme,

SISSA, 15 June - 20 June 2009, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

29. Summer School and Advanced Workshop on Trends and Developments in Linear Algebra, 22 June - 10 July 2009, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

30. Advanced School and Workshop on p-adic Analysis and Applications, 31 August - 18 September 2009, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

31. Advanced School on Non-linear Dynamics and Earthquake Prediction, 28 September - 10 October 2009, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

32. "Assises Nationales en Sciences Mathématiques, Pôle d'Exellence en Mathématiques", les 27 et 28 Septembre 2010 à l'Université Abderrahmane Mira de Bejaïa, Algeria.

33. 6eme école "Equations Differentielles Abstraites", 17-21 avril 2011, Université Larbi Ben M'Hidi, Oum El Bouaghi, Algeria.

34. Cérémonie de Remise du Prix Audin de Mathématiques, 04 November 2012, Université de Tlemcen - DGRSDT, Algeria.

35. Colloque International sur la Vulgarisation des Sciences, 05 - 06 November 2012, Université de Tlemcen - DGRSDT, Algeria.

36. 8 ème Rencontre d'Analyse Mathématique et ses Applications "RAMA8", 26-29 November 2012, Alger, Algeria.

37. Colloque National " Théorie des Opérateurs & ses Applications, CNOT, 11-13 Mars 2013, Université d'El-Oued. certificat de témoignage.

38. Journée Nationale: Mathématiques appliquées -- JNMA'19, 27 Juin 2019, Université Larbi Ben M'Hidi, Oum El Bouaghi, Algeria.

## Distinction Honorifiques

1."Félécitations (Congratulations)", During my promotion in the rank of Professor of Higher Education, on 12/12/2002, by The Director of The Larbi Ben M'Hidi University Centre, Oum El Bouaghi, Algeria.
2. Prize Maurice Audin of Mathematics, for session 2007, by SMF (Mathematical Society of France) and the SMAI (Society of Applied and Industrial Mathematics), France.
3. The official ceremony of the Delivery of the prize "Maurice Audin of Mathematics", on 04/02/2010, by "General Directorat of Scientific Research and Technological Development", Algiers.

4. Certificat de témoignage, Colloque Nationale " Théorie des Opérateurs & ses Applications, CNOT, 11-13 Mars 2013, Université d'El-Oued, Algeria.
5. Appreciation and gratitude .. It is a pleasure for the professors of the Department of Mathematics at the University of Oum El Bouaghi to award the Medal of Appreciation and Gratitude to Prof. Dr. Abdelfatah Bouziani in appreciation and gratitude for what he presented to the Algerian University.. Oum El Bouafi 07/21/2022.

## International Activities

1. The Post-Doctoral Fellowships for younger mathematicians who have obtained a Ph.D., at The Abdus Salam International Centre for Theoretical Physics, from 1 February 2002 until 31 January 2003, Italy.
2. Regular Associate of The Abdus Salam International Centre for Theoretical Physics, from 1 January 2003 until 31 December 2010, Italy.
3. The Post-Doctoral Fellowships for mathematicians, from 1 September 2008 until 31 August 2009, Université de Bordeaux, France.
4. Referee in several International Mathematical Journals and reviews :
- Mathematical Methods in the Applied Sciences
- Abstract Applied Analysis
- Applied Mathematics Letters
- Hiroshima Mathematical Journal
- Georgian Mathematical Journal
- Journal of Nonlinear Analysis - A: Theory, Methods & Applications
- Electronic Journal of Qualitative Theory of Differential Equations
- Electronic Journal of Differential Equations
- Journal of Applied Mathematics and Stochastic Analysis
- Kobe Journal of Mathematics
- Journal of Mathematical Analysis and Applications
- Advances in Difference Equations
- International Journal of Mathematics and Mathematical Sciences
- Journal of Applied Mathematics
- Journal of Applied Analysis and Computation
5. Membership of Scientific Associations:
Member of the Algerian Mathematical Society.

واخرى: كالقراءة والحاسوب. المبادرة والشعور بالمسؤولية. تعزيز الاتصال وروح الفريق الطيبة...