

CURRICULUM VITAE

Prof ALLIA Khedidja

Professional address: Laboratory of Engineering Science Industrial processes (LSGPI)

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Summary of relevant skills

Since 1985	Chemical engineering professor and Research supervisor
2014	Member of Scientific Committee and reviewer of the " 5 th International Disaster and Risk Conference IDRC', 24 -28- August 2014 - Davos , Switzerland
2013	Member of the Advisory board of the Bioethics Network on Women Issues in the Arab Region, established since August 2013.
2012	Member of Scientific Committee and reviewer of the "4th International Disaster and Risk Conference IDRC", Davos 2012, 26 -30 August Davos , Switzerland
2011	Reviewer at "The 2nd International Conference on Design and Modeling in Science, Education, and Technology: DeMset 2012" March 25th - 28th, 2012 Orlando, Florida , USA "
	Reviewer of the "6 th European Conference on Innovation and Entrepreneurship" ICE 2011 - September 15-16 , Aberdeen, Scotland , UK"
	Reviewer " ICHEAP -10 The tenth International Conference on Chemical & Process Engineering 8-11 May 2011 - Florence , Italy"
2010	Member of the committee for the "European Conference on Innovation and Entrepreneurship" (ICE 2010). Conference in Athens on 16-17 September 2010
	Member of the " International Scientific and Technical Committee IDRC Davos 2010 " (30 May - 03 June 2010 in Davos , Switzerland)
2007 - 2010	UNESCO expert
2007	President of the scientific committee of chemical engineering department
	Chair of PURAQ (Pole Universitaire & Research Algerian - Quebec)
	President of the Organizing Committee of "the Second North African Region Seminar On Engineering And Technology Education» NARSETE 2 from 12 to 14 November 2007 at» Med Boudiaf» M'Sila University.
2005	President of the Organizing Committee of «the 2nd Mediterranean Seminar on Engineering - 2MSEE» - 29-31 May 2005 - USTHB. Editor of the Proceedings.
2003	President of the Organizing Committee of the «1st North African Region Seminar on Engineering and Technology Education» NARSETE 1-18 - May 20, 2003 - USTHB. Editor of Proceedings
	Director of NACETE: North African Centre for Engineering and Technology Education, satellite of the UICEE: UNESCO International Centre of Engineering Education.
1994 – 2000	Director of the Higher Education - Ministry of Higher Education and Scientific Research, Algiers, Algeria,
1992 – 1994	Coordinator of the "Maghreb equivalence commission Technology" (MESRS)
1992 - 1991	Fulbright Researcher at department Mechanical and Aerospace Engineering at Cornell University ITHACA, NY, USA.
1984 - 1991	Director of Industrial Chemistry Institute - USTHB.
1984 - 1987	Chair of the Scientific committee of Industrial Chemistry Institute - USTHB.
1984 - 1981	Head of Chemical Engineering department at Polytechnic National School (ENP).
1981 - 1978	Assistant - Department of Chemical Engineering National Polytechnic School, of Algiers (EN P).

Awards and Medals

- 2004 [1]. Silver badge; UNESCO International Center for Engineering Education (UICEE) of Honor for distinguished contributions to engineering education, outstanding achievements in the globalization of engineering education. 7th UICEE Annual Conference on Engineering Education - Mumbai, India, 9-13 February 2004.
- 2006 [2]. Gold badge; UNESCO International Center for Engineering Education (UICEE) of Honor for distinguished contributions to engineering education, outstanding achievements in the globalization of engineering education. 5th Global Congress on Engineering Education» Polytechnic University Brooklyn, New York, USA - 17 and 21 July 2006
- 2007 [3]. Honored by the President of the Algerian Republic on March 8, 2007 for completion and participation to development.
- 2008 [4]. UICEE order for excellence in engineering education. Athens 23 February 2008 at T.E.I of Piraeus - Greece.

Education

- 1982 **Doctorate Es Sciences** – Chemical Engineering at National Polytechnic School. Alger (**ENP**) and Thames Polytechnic School-London-UK
- 1975 **Master (D.E.A.)** Fluids mechanics, University of Algiers.
- 1974 **Engineer in chemical engineering National Polytechnic School** - Alger (ENP).
- 1968 **Baccalaureate in Mathematics**, College of « Hassiba Ben Bouali » – Kouba - Alger.

1985 – 2014 Graduation courses (ENP and USTHB)

Education and Research

Education (lecturer)

- Heat and Mass Transfer
- Physical Properties of Matter
- Petrochemicals and Petroleum Technology
- Minerals materials, development
- Hydrodynamics and dispersed porous media
- Technology of Multiphase Systems

1985 - 2014

Supervision of projects graduation engineers some themes (given the number):

- Catalytic Reforming and analysis of various petroleum fractions;
- Design of a petroleum distillation column;
- Extraction Liquid - Liquid;
- Transfer of heat and mass in fixed and fluidized beds;
- LNG Transport (Theoretical study);
- Pneumatic Conveying;
- Comparative study of different models used in fluidization;
- Hydrodynamics of semi-fluidized bed;
- Solid Liquid Extraction; Case of olive-pomace.

1985 – 2014

Post-graduation Courses :

- Transfer Phenomenon in multiphase systems;
- Dynamics of multiphase systems;
- Multiphase flow in porous media.

1985 - 2014

Magisters (06 achieved)

- Heat Transfer through a fluidized bed, (2 sustained, 1986, 1994)
- Hydrodynamics of three-phase fluidization (several systems studied) 1986).
- Hydrodynamics of Semifluidisation (1999)
- Air pollution; case of a mechanical component assembly workshop of heavy vehicles. (1999).
- Study the possibility of reuse of drainage water in the basin of Ouargla (2003)

- Biological treatment of water contaminated by hydrocarbons in a three-phase fluidized bed bioreactor (2005)
- Modelling of a gas-liquid-solid three-phase bioreactor (2008)
- Numerical simulation of pneumatic conveyor
- Design and realization of anaerobic bioreactor fluidized bed. Hydrodynamics, modeling. (2013)
- Design and realization of filtration liquid / solid unit: Study and modeling of clogging of media filter for various suspensions. (2013)

1986 - 2014

Doctorate Es Sciences (Ph.D.) (03 achieved)

2000- 2014

- Hydrodynamics and heat transfer in dense suspension, (1992);
- Contribution to the study of transport phenomena in triphasic gas-liquid-solid fluidized beds. Application to biological treatment of water contaminated by hydrocarbons. (December 2007);
- Contribution to the study of water pollution by bioprocesses. Case of nitrogen, phosphorus and metals (December 2007)
- Modeling of multiphase flow in a bubble column (in preparation).

In charge of «Multiphase Systems» Group - Laboratory of Sciences and Process Engineering. Responsible of the following research projects :

Number	Themes
J0100220130070	Transfer phenomena in anaerobic bioreactors: Experiments and Modeling
PNR 2011	Management and Treatment of hazardous waste
J1602/01/04/02	Hydrodynamics and mass transfer in a gas / liquid / solid three-phase system.
J1602/01/50/05	Management and proposals for effluent treatment: Case hospital effluents.
J0100220070005	Assessment and Management of discharges of landfill site (CET)
J0100220060059	Transfer phenomena: Case biological reactors.
J0100220090104	Transfer phenomena in granular media: Hydrodynamics and Numerical simulation of flows

Training, Advanced Course:

- 1976 - Three months (03) at the French Institute of Petroleum (IFP), Laboratory of heterogeneous catalysis "Paris (France).
- 1978 - One year (01) Thames Polytechnic, London, Department of Mechanics - preparation of doctoral thesis.
- 1983 - International Session on Pedagogy at the University of Paris VI (France) organized by university LAVAL, Quebec CANADA. (September 1983). (Certificate in Education)
- 1991-1992 - Award: Fulbright at Cornell University (Cornell Research particulate) Mech. and Aerospace Engineering, Ithaca, N. Y.,
- 1995 - Seminar on "higher education" at Salzburg (1-8 April 1995).
- 1999 - Member of Scientific committee of "Women of the Mediterranean Scientific Forum" in "Biotechnology Sciences and Women" from 9 to January 31, 1999 - Turin. UNESCO (Participation in writing the declaration).

1975 - 1979

Participation in technical and economic study of the following projects:

- Analysis Laboratory of aviation and marine (NAFTAL)
- Project of Skikda refinery for BTX production: Benzene, Toluene and Xylene (Sonatrach)
- Research and Development Laboratory (DRD-Sonatrach).

1984 - 1990

Study of the " Mines and Metallurgy Institute" conversion in two institutes - USTHB:

- Industrial Chemistry and Mechanical Engineering Institutes; Specifications sheet, equipment, infrastructure and negotiating offers.
- Development of National Programs (Chemical Engineering, Environment, inorganic materials, organic materials) and also programs in Post-graduation in process engineering.
- Organization of the 2nd National Seminar of Chemical Engineering (Polytechnic National School).

- 1987 - 1992 **Members and / or President of several national committees:**
- Chairman of the National Commission on Industrial Chemistry;
 - Member of the National Commission of equivalence;
 - Member of the National Commission for "research and development in the field of hydrocarbons" Research and Development DRD (Sonatrach)
- 1994 - 2000 **In charge** of the Programme agreement: Algerian – French, between "Powder Technology" laboratory of Chemical Engineering Department, University of Compiègne (France) and "the" « Multiphase Systems » industrial Chemistry laboratory (USTHB).
- 1997 - 2000 **Coordinator** of the higher education Reform, coordinating of six (06) and national commissions 42 national educational committees for updating curricula, all fields, Development of all discussion and syntheses papers.
- A new organization for national equivalence commission, as well as development of official texts. (Ministerial decrees, circulars and decrees.)
- 1998 - 2000 **President of "Orientation Committee" of the following Research centers and Institutions:**
- National Institute for computer science (INI);
 - National Institute of Medical Sciences Annaba (Algeria);
 - Centre for Materials Development , CDM;
 - Centre for Research on physico-chemical analysis, CRAPC,
- 1998 - 2000 **Project Coordinator** of Intranet network, connecting all institutions of higher education "(. Institutions 57 universities, institutes.) and ;
- Project Coordinator** of the International Institute for Renewable Energies IERS setting up - Ghardaia (aided by UNESCO) (development of the Technical Document).

Publications

- Communications**
- [1]. Heat Transfer in Fluidized Bed Reactor. 4th International Chem. Eng. Conference, Cumbria PORTUGAL 15-19 April 1985: F. Bentahar, M. Benali, C. Dahmani K. Allia.
 - [2]. Calculation of important parameters on Pneumatic Conveying, 3rd Mediterranean Congress on Chem. Eng. Barcelona, SPAIN. November 1985: K. Allia and Y. Yousfi.
 - [3]. Heat Transfer in Fluidized bed Reactor, 1st International Conference on Circulating Fluidized bed Halifax, CANADA (Poster). October 1986: M. Belkacem and K. Allia.
 - [4]. Heat Transfer to vertically flowing dilute and dense phase gas solid suspension. A.I.C.H.E annual Meeting San-Francisco, U.S.A, 5 - 11 October 1989, published: F. Bentahar, Y. Moulodsoff, J.F large and K. Allia
 - [5]. Heat Transfer in Fluidized bed. 6th European Conference on the Fluidization. Toulouse, France. 27 - 31 Janvier 1991. : K. Allia and A. Mouheb
 - [6]. Hydrodynamic of Triphasic Fluidization, 6th Conference on the Fluidization. Toulouse FRANCE 27 - 30 Jan 1991. : K. Allia and F. Fettouhi.
 - [7]. Anionic Mass Transfer. 4^{ème} Congress en Génie des Procédés Compiègne FRANCE, 2 - 4 Sept 1991 : M. Amanovicw and K. Allia.
 - [8]. Mass Transfer in fixed bed of ion exchange particles. 6th Mediterranean Congress on Chem. Eng. Barcelona, SPAIN. October 1993: M. Amanovicw and K. Allia
 - [9]. Heat transfer to fluidized bed from the immersed body. 6th Mediterranean Congress on Chemical Eng. Barcelona, SPAIN, October 1993. Mouheb and K. Allia.
 - [10]. Semi fluidization: Influence of the physical Particles properties. 6th Mediterranean Congress on Chem. Eng. Barcelona, SPAIN, October 1993. Y. Kechroud and K. Allia.
 - [11]. Measurements of the collision properties of Small Spheres, Samuel F. Foerster, Michel Y. Louge, Hongder_Chang and Khédidja Allia. Phys. Fluids 6, 1108 (1994). <http://dx.doi.org/10.1063/1.868282>
 - [12]. Détermination de la hauteur du lit stationnaire en Semifluidisation. 1^{er} Séminaire de Génie des Procédés, Alger. Février 1994. Par Y. Kechroud & K. Allia
 - [13]. Déphosphatation biologique, cas d'un effluent synthétique, 1^{er} Séminaire de Génie des Procédés, Alger. Février 1994. Par Z. Salem & K. Allia
 - [14]. Étude de l'influence de la charge hydraulique sur une biomasse déphosphatante. » Tribune de l'eau N°1 janvier 1996, CEBEDOC, Belgique par Z. Salem & K. Allia.
 - [15]. Etude de l'influence du chlorure de sodium sur une biomasse déphosphatante, «2^{ème} Confer. maghrébine de Génie des Procédés. Djerba du 22 au 23 Avril 1996, Tunisie. Z. Salem & K. Allia

- [16]. Étude d'un mélange axial dans un lit fluidisé triphasique, COMAGEP. 3 MAI 1998 à TAMANRASSET par L. Toumi, K. ALLIA et coll.
- [17]. Étude des possibilités de réutilisation des eaux de drainage dans la cuvette de Ouargla "Séminaire National. Touil. Y, Amour F, Allia K 1998
- [18]. Etude hydrodynamique de la hauteur de la couche fixe d'un lit semifluidisé. 3ème Congrès Maghrébin de Génie des Procédés (COMAGEP 3) Mai 1998 à Tamanrasset (Algérie).
- [19]. Hydrodynamic characteristics of semi fluidized bed. 6th World Congress of Chemical Engineering Melbourne, Australia 23-27 September 2001. By Y. Kechroud and K. Allia.
- [20]. Inhibition of phosphorus removal biomass by sodium chloride. 6th World Congress of Chemical Engineering Melbourne, Australia 23-27 September 2001. By Z. Salem and k. Allia
- [21]. A removal phosphorus biomass inhibition by heavy metals cations. International Conference on Waste Management and the Environment. 4-6 September 2002 Cadiz, Spain. By. Z. Salem and k. Allia.
- [22]. The singular pressure drop in liquid solid semi fluidized bed. The Six Italian Conference On Chemical And Process Engineering 08-11 June 2003 Pisa-Italy. Y Kechroud and K Allia
- [23]. Biological treatment of water contaminated by hydrocarbons in three-phase gas-liquid-solid fluidized bed. By N. Tamar, L. Toumi, Z. Salem, K. Allia. 9th Conference on Environmental Science and Technology – 2005, Rhodes Island, Greece, September 1st - 3rd, 2005.
- [24]. Biological treatment of refinery wastewaters in an agitated, aerated. By Z. Salem, L. Toumi, N.Tahar, and K. Allia. 10th Mediterranean Congress of Chemical Engineering. Spain – November 2005.
- [25]. Valorisation of the Olive Stones in Biological Denitrification. By Z. Salem, H. Lebig, W. Cherfa K., and K. Allia. EUROMED 2006. Desalination Strategies in South Mediterranean Countries. Cooperation between Mediterranean countries of Europe and the southern rim of the Mediterranean, 21-25 May 2006, Montpellier, France
- [26]. Effect of copper (II) on a biological nutrient removal performance reactor. By Z. Salem, K. Allia. Protection and Restoration of the Environment VIII, Greece - Chania on 3 -7 July 2006
- [27]. Biological treatment of water contaminated by hydrocarbons in three-phase gas-liquid solid fluidized bed. By Allia K, Tahar N, Toumi L, Salem Z.; *Global NEST Journal* 8 (1) : 9-15 (Mar 2006)
- [28]. Hydrodynamic Parameters of a Solid-Gas Semi-Fluidized Bed – By Y. Kechroud and K. Allia - The 5th international conference for conveying and handling of particulate solids- Sorrento, Italy, August 27-31, 2006
- [29]. Cadmium Biosorption on vegetal biomass - by Z. Salem and K. Allia - Récents Progrès en Génie des Procédés, Numéro 94 – 2007 ISBN 2-910239-68-3, Ed. SFGP, Paris, France. 1st International Congress on Green Process Engineering, Toulouse - France, 24 - 26 April 2007
- [30]. Modelling a Three-Phase Fluidized Bed Bioreactor for Wastewater Treatment by L. Toumi and K., Allia - Progrès en Génie des Procédés, Numéro 94 – 2007 ISBN 2-910239-68-3, Ed. SFGP, Paris, France. 1st International Congress on Green Process Engineering, Toulouse - France, 24 - 26 April 2007.
- [31]. Evaluation of Landfill Leachate Pollution and Treatment Ouled Fayet (Algeria) Case by Salem. Z, Hamouri. K, Djemaa .R, Allia. K. Conference on Desalination and the Environment – Sani Resort-Halkidiki, Greece – 22-25 April 2007.
- [32]. Evaluation of hospital wastewaters pollution and treatment recommendations. By Z. Salem, L. Toumi, Y, Kechroud and K. Allia. CEST2007 – Cos - island, Greece – September 5th – 7th, 2007.
- [33]. An experimental and theoretical investigation on three-phase fluidized bioreactor. By L Toumi and K. Allia - 6th International Conference on Multiphase Flow, ICMF 2007, Leipzig, Germany, July 9 – 13, 2007
- [34]. ""Modelling Three-Phase Fluidized Bed Bioreactor for Wastewater Treatment, » By Boumehdi Toumi, Leila; Fedailaine, Maamar; and Allia, Khedidja. *International Journal of Chemical Reactor Engineering*: Vol. 6: A11. January 24, 2008.
- [35]. "Cadmium Biosorption on Vegetal Biomass" by Z. Salem and K. Allia. *International Journal of Chemical Reactor Engineering*: <http://www.bepress.com/ijcre/vol6/A10>. January 22, 2008
- [36]. "Characteristics of domestic landfill leachate and combined treatment process". By Z. Salem and K. Allia - the Ninth International Conference On Chemical And Process Engineering 10-13 May 2009 Rome, Italy
- [37]. "Three-Phase Fluidized Bed Bioreactor For Wastewater Treatment – Parameters effect" M. Fedailaine, L. Toumi, K. Allia 2nd International Congress on Green Process Engineering 2nd European Process Intensification Conference 14-17 June 2009 - Venice (Italy)

- [38]. Gestion des boues provenant des bacs de stockage des hydrocarbures By Z. Salem, K. Allia. 2^{ème} Congrès International « Eaux, Déchets et Environnement – Union des Pays de la Méditerranée», 12 et 13 novembre 2009, Faculté des Sciences de l'Université Chouaïb Doukkali El Jadida-Maroc
- [39]. "Evaluation and treatment of sludge from storage tanks of oil" Salem Z., Toumi L., Allia K. 13th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, 28 August – 1 September 2010, Prague, Czech Republic.
- [40]. « Hospital wastewaters management». By Z. Salem*, L. Boumehti Toumi*, K. Allia- IWA Regional Conference and Exhibition- on Membrane Technology & Water Reuse- 18-22 October 2010_ Istanbul-Turkey
- [41]. "Flow Characteristics Optimization of Corn Starch and Microcrystalline Cellulose Mixture by Wet Granulation". Leila Boumehti Toumi *, Radia Djouder, Zineb Salem and Khedidja Allia ICheaP-10 The tenth International Conference on Chemical & Process Engineering 8-11 May 2011 - Florence, Italy.
- [42]. Extraction of essential oil and oleoresin of rosemary by supercritical CO₂ and conventional methods. Bensebia, O. and Allia, K. Proceeding of the Mediterranean conference on natural products MCNP 2011, Tipaza, October 9-10th, 2011.
- [43]. "Wet granulation of cereal grains in a tapered fluidized bed 6^{ème} Journées Francophones sur les Réacteurs Gaz - Liquide et Gaz - Liquide, Marrakech, 8-11 Mai 2012. " Leila Boumehti Toumi, Soumaya Rezzak and Khedidja Allia
- [44]. « Extraction supercritique simultanée du mélange romarin/sauge : expérimentation et modélisation mathématique » 6^{ème} Journées Francophones sur les Réacteurs Gaz - Liquide et Gaz - Liquide, Marrakech, 8-11 Mai 2012 Par Bensbia Ouahida, Bensbia Bensaber, Barth Danielle, Allia Khedidja
- [45]. "Incineration residues valorization in phosphate wastewater treatment" Z. Salem, F. Salem, L. Boumehti F. Kharchi, and K. Allia Sixteenth International Water Technology Conference, IWTC 16 2012, Istanbul, Turkey
- [46]. Valorisation des résidus d'incinération dans le traitement des eaux usées " Salem Z., Khelif K., Allia K. *GIWEH - ICWRE International Conference for Water Resources & Environment, Marrakesh 20-24 November 2011.*
- [47]. Valorization of incineration residues for phosphate removal. By Salem Z., Salem F. Boumehti Toumi L., kharchi F and Allia K. *Sixteenth International Water Technology Conference, IWTC 16 (2012), Istanbul, Turkey.*
- [48]. Dye removal by incineration residues of pharmaceutical wastes in aqueous solution. Khelif & Y. Habili & Z. Salem & L. Boumehti & K. Allia. LRS-EAU/ENP. 18-19-20 - Novembre 2013, Hôtel Hilton à Alger .
- [49]. Isolation des composés bioactifs à partir des feuilles de sauge (*salvia officinalis* L.) O. Bensebia, L. Abdelkafi, M. Yousfi, K. Allia, 5^{ème} Symposium International des Plantes Aromatiques et Médicinales. 14-16 November 2013, Marrakech, Maroc.
- [50]. Batch Adsorption of Methylene Blue from Aqueous Solutions by Untreated Alfa Grass, Desalination and Water Treatment, DOI: 10.1080/19443994.2013.846236. Boumehti Toumi L., Hamdi L., Salem Z. and Allia K., 2013
- [51]. Drying kinetics and extraction kinetics of rosemary leaves: experiments and modeling. O. Bensebia, K. Allia. 2014. Journal of Essential Oils Bearing Plants, DOI:10.1080/0972060X2014.901620. in press.
- [52]. Fixed-bed adsorption of methylene blue from aqueous solutions onto untreated alfa grass. 4th International Congress on Engineering. 7 – 10 April 2014, Sevilla (Spain). Atta, Abdelkader; Boumehti Toumi, Leila; Salem, Zineb; Allia, Khedidja

Communications others;

- [1]. Direction des Enseignements Bilan et perspectives Forum National sur l'Enseignement Supérieur. (August 1994)
- [2]. L'Enseignement Supérieur en Algérie, exemple de la Technologie. 6^{ème} Conférence des Ministres arabes de l'Éducation à Alger du 15 au 19 mai 1996.
- [3]. Évolution et perspectives de la Formation d'Ingénieurs en Algérie. Congrès Mondial des Responsables de formation d'Ingénieurs et des Dirigeants de l'industrie, Organisé par l'UNESCO, Paris, 2 au 5 juillet 1996,
- [4]. Évolution et perspectives de l'enseignement supérieur en Algérie. Colloque 20 ans d'Éducation et de Formation continuité...ruptures... perspectives » 15-16 septembre 1997, CEPEC, Lyon France
- [5]. Aperçu sur l'évolution du Génie des Procédés. 2^{ème} Séminaire de Génie des Procédés à l'USTHB, 5 - 6 novembre 1999.
- [6]. Current issues in Engineering Education in Algeria. 3rd Global Congress on Engineering Education »

Glasgow, Scotland, UK, 30 June - 5 July, 2002

- [7]. Réflexion sur la qualité de la formation en ingénierie. NARSETTE 1 2003. USTHB – 23 – 25 September 2003.
- [8]. North African Centre for Engineering and Technology Education (NACETE). Global Journal of Eng. Educ., Vol. 8. N° 1. 2004.
- [9]. A new reform for the Algerian higher educational system, 7th UICEE Annual Conference on Engineering Education - Mumbai, India, 9-13 February 2004
- [10]. Rethinking the educational training for the new teachers in Algerian universities by K. Allia. 5th Global Congress on Engineering Education» Polytechnic University Brooklyn, N. Y, USA - 17 and 21 July 2006
- [11]. Engineering and environmental ethics education. Environmental Ethics workshop. Libya 19 – 21 June 2007 (ALECSO-UNESCO-ISESCO)
- [12]. Expert Meeting on Ethical and Legal Issues in Human Embryo Research 12 – 14 February, 2008, Cairo, Egypt organized by United Nations Educational Scientific and Cultural Organization (UNESCO) Office in Cairo, World Health Organization Regional Office for the Eastern Mediterranean (WHO/EMRO) and the Islamic Educational, Scientific and Cultural Organization (ISESCO).
- [13]. «Engineering Education and ethics in Risk Management” - International Disaster and Risk Conference IDRC- Davos, Switzerland August 25 – 29, 2008”
- [14]. “Engineering Ethics and Chemical Engineering Education”- 8th World Congress of Chemical Engineering (WCCE8) - Montreal from 23 to 27 August 2009.
- [15]. “What engineering students should learn during their training?”- 3rd International Disaster and Risk Conference IDRC - 30 May to 3 June 2010, Davos, Switzerland
- [16]. “Training of Engineers and the Current Challenges for Southern Universities” - 15th International Conference for Women Engineers and Scientists - (INWES) - Adelaide (Australia) from 19-22 July 2011.
- [17]. Ethics and Law in Biomedicine and Genetics: [An Overview of National regulations in the Arab World States](#). UNESCO. Cairo Office AI – Qāhira 2011
- [18]. Engineering education and the new challenges of the 21st century- NYU Abu Dhabi and NYU Polytechnic International Conference of the Future of Engineering Education”. Abu Dhabi- March 11 - 13, 2012.
- [19]. “Engineering Education and the Need to Address Some Challenges of the 21st Century, In Terms of Training Transformation. 4th International Disaster and Risk Conference IDRC - 26 -30 August 2012 - Davos, Switzerland
- [20]. "Défis de la formation des ingénieurs en Génie des Procédés pour répondre aux enjeux du 21^{ème} siècle : cas de la formation en génie pharmaceutique" First Seminar in Engineering, Health and Analysis 05th May 2013, Algiers, Algeria
- [21]. "Women in science : The "Leaking Pipeline case of Algeria "Roundtable on Science and Diplomacy": Central Europe and Southern Mediterranean - Sharing experiences in the framework of the 2013 Italo-Hungarian International Year of Culture and Science Budapest, 2013 April 7-8"
- [22]. “Regional Conference “Bioethics Issues for Women: Ethics of Reproductive Health – Social and Political Conditions in Arab Countries”. Beirut - 8 February 2014
- [23]. “Fate, management and treatment of hazardous waste: Case of expired pharmaceuticals” 5th International Disaster and Risk Conference IDRC - 24 -28 August 2014 - Davos, Switzerland
- [24]. “Engineers' training to meet the challenges of the century: case of southern countries”. 16th International Conference for Women Engineers and Scientists (ICWES 16) - 23 - 25 October 2014, LA – USA.
- [25]. A paradoxical state of gender equity in light of the results of female students and graduates of higher education”. OWSD Fifth International Conference: Women Scientists in a Quest for Sustainability- September 17th - 20th, 2014 Cuernavaca, Morelos, Mexico.

Languages

Arabic, French, English.

Associations

- President of « TAHENDUS »
- Member of ANEE (Arab Network of Environmental Ethics) since 2008
- Member fondateur of AFCARE (Association des Femmes Cadres – Executive women) ;
- Membre de INWES (International Network of Women Engineers and Scientists)