

**First name/surname : KORICHI Mourad**

Address (Business): Kasdi Merbah University, BP 511, route Ghardaïa 30000 Ouargla (Algeria) : <http://www.univ-ouargla.dz>  
Address (personel): BP 63, Hay El-Nasser 30007 – Ouargla (Algeria)  
Mobile: (+213) 771 14 15 75  
E-mail (Business): Korichi.Mourad@univ-ouargla.dz  
E-mail(other): Mourad.Korichi@gmail.com  
Date of Birth: 24.12.1969  
Nationality: Algerian  
Familial Situation: Married

**Actual Position:**

Date: From 15.06.2013  
Occupation or position held: **Vice-Rector for External Relations, Cooperation, Animation, Communication and Scientific Events**  
Name and address of employer: Kasdi Merbah University, BP 511, route e Ghardaïa 30000 Ouargla (Algeria)

Date: From 13.07.2016  
Occupation or position held: **Professor**  
Name and address of employer: Kasdi Merbah University, BP 511, route e Ghardaïa 30000 Ouargla (Algeria)

**Past Position:**

Date: From 26.01.2012  
Occupation or position held: **Dean of Faculty**  
(Decision N°134 du 15.04.2012 & Presidential Decree (JORADP N° 03 du 16/01/2013).  
Name and address of employer: Kasdi Merbah University, BP 511, route e Ghardaïa 30000 Ouargla (Algeria)

Date: From 01.03.2011  
Occupation or position held: **Vice-Dean of Faculty**  
Name and address of employer: Kasdi Merbah University, BP 511, route e Ghardaïa 30000 Ouargla (Algeria)

Date: From 01.09.2009  
Occupation or position held: **Head of Department (Chemical Engineering)**  
Name and address of employer: Kasdi Merbah University, BP 511, route e Ghardaïa 30000 Ouargla (Algeria)

Date: 01.10.2006 – 28.10.2008  
Occupation or position held: **Head of Department (Sciences et Techniques)**  
Name and address of employer: Kasdi Merbah University, BP 511, route e Ghardaïa 30000 Ouargla (Algeria)

Date: 01.01.2002 – 30.09.2004  
Occupation or position held: **Vice-Head of Department (Chemical Engineering)**  
Name and address of employer: Kasdi Merbah University, BP 511, route e Ghardaïa 30000 Ouargla (Algeria)

**Education:**

Date: 15.12.2010  
Title or qualification awarded: **PhD (Doctorat d'Etat Chemical Engineering)**  
Education institution: Ferhat Abbas University, Chemical Engineering Department, Setif (Algeria) ([www.univ-setif.dz](http://www.univ-setif.dz))  
Thesis title: *Computer Aided Products - Process Design: Formulation and Applications to Aromas*

Date: 30.06.2006  
Title or qualification awarded: **Master (DEA Génie des Procédés et Environnement)**  
Education institution: National Polytechnic Institute (Toulouse, France) (<http://www.inp-toulouse.fr>)  
Thesis Title: *Development of a methodology for the application of the Computer Aided Products design to the problems of Computer Aided Products - Process design*

Date: 31.10.1995  
Title or qualification awarded: **Magister (Génie des Procédés) : Bac+7**  
Education institution: University of Constantine 1, Constantine 25000 (Algeria) (<http://www.umc.edu.dz>)  
Thesis Title: *Estimation of Interaction and Solubility Parameters by Monte Carlo Simulation*

Date: 30.06.1993  
Title or qualification awarded: **Engineer (Chimie Industrielle)**  
Education institution: Algerian Petroleum Institute (<http://www.iap.dz>)  
Thesis Title: *Study of the overheating origin at the separation column of lights products (Methanol Unit, CP1/Z)*

Date: 30.06.1988  
Title or qualification awarded: **Baccalaureate (Chemistry, Grade : 01/1165)**  
Education institution: High School Amir Abdelkader - Touggourt (Algeria)

**TEACHING:**

Graduation:  
From 1999:

- Estimation of Properties of Hydrocarbons (1<sup>st</sup> Year Master Naturel Gas Engineering).
- New Information Technologies and Communication (1<sup>st</sup> Year Master Refining and Hydrocarbon Technology).
- Computer Aided Process Engineering (2<sup>nd</sup> Year Master Chemical Engineering).
- Thermodynamics and Process (1<sup>st</sup> Year Master Refining and Hydrocarbon Technology).
- Equipment units (2<sup>nd</sup> Year Master Refining and Hydrocarbon Technology).
- Modeling, Simulation and Optimization of Process (5<sup>th</sup> Year Engineering Process Engineering).
- Applied Numerical Analysis (3<sup>th</sup> Year Engineering Process Engineering).

Post-Graduation:

- Process and Product Modeling (1<sup>st</sup> Year Magister Environment and Process).
- Software Calculation (1<sup>st</sup> Year Magister Environment and Process & 1<sup>st</sup> Year Magister energetic and Process).
- Functional Analysis of Process (1<sup>st</sup> Year Magister Chemical Engineering).
- Optimization of Process (1<sup>st</sup> Year Magister Chemical Engineering).
- Computer Science (1<sup>st</sup> Year Magister Analytical Chemistry and 1<sup>st</sup> Year Magister Industrial Organic Chemical products)
- Reservoir and Fluids properties (1<sup>st</sup> Year Engineering Oil Magister).

**SUPERVISION OF STUDENTS  
(Dissertation and thesis):**

- About **50 graduation** dissertations are supervised:
  - **Mohamed MOKADEM**, *Développement d'une Méthode Prédictive de Calcul du Point d'éclair des Mono-terpènes*, 2016.
  - **Nacer Eddine DJAFER**, *Prospection des Possibilités de Récupération des Gaz Torchés en Algérie*, 2016.
  - **Abdenmour BIRECHE**, *Etude de la distillation azéotropique : détermination des données thermodynamique par approche QSPR*, 2014.
  - **Mahmoud KHABEZ**, *Etude de la Récupération des Gaz Torchés à l'Unité de Traitement de Gaz d'Oued Noumer*, 2014.
  - **Ahmed Amine DERRADJI SRIHEN**, *Application de la Méthode HAZOP à l'Unité de Traitement du Gaz d'Oued Noumer*, 2014.
  - **Hicham KHEBBECHE et Sadok HAFIAN**, *Modélisation et Simulation d'une Unité d'Absorption des Gaz Acides (CO<sub>2</sub>) par Solvants Chimiques type Alkanolamine*, 2013.
  - **Dahmane REGADI**, *Développement de Modèle QSPR pour la prédiction des Propriétés Physiques de Quelques Composés Odorants*, 2013.
  - **Rami BOUHARARA**, *Optimisation des paramètres des paramètres de marches par simulation d'une colonne de distillation de pétrole brut (RAF/CIS/HM)*, 2013.
  - **Oussama BENNOUH**, *Etude de l'utilisation des liquides ioniques comme éco-solvants pour l'extraction des composés aromatiques à l'échelle industrielle*, 2012.
  - **Ibrahim YOUNOUSS WAKAI**, *Développement des corrélations pour le calcul des propriétés du pétrole et de ses fractions*, 2012.
  - **Meryem TOUBAKH**, *Etude de l'utilisation des liquides ioniques comme éco-solvants pour la récupération des composés organiques à l'échelle industrielle*, 2012.
- About **10 post-graduation** dissertations (Magister) are supervised and co-supervised :
  - **Khaled MANSOUR**, *Etude des Techniques de Prédiction des Propriétés Physiques et Thermodynamiques des Systèmes Organiques : Application aux problèmes d'intérêt pétrolier*, U. Bejaïa, 2014.
  - **Mohammed Said AIT-AMEDJKANE**, *Etude et développement de nouvelles corrélations de prédiction des propriétés thermodynamiques du gaz*, U. Ouargla, 2014.
  - **Hind BOUAFIA**, *Etude thermodynamique des solvants type liquides ioniques : application à la substitution des solvants polluants*, U. Ouargla, 2013.
  - **Samir HAMMACHE**, *Etude conceptuelle et économique de la faisabilité des procédés GTL en Algérie*, U. Ouargla, 2012.
  - **Abdelghani SEROUTI**, *Développement d'une méthode prédictive de calcul des enthalpies de formation en phase solide des molécules organiques aux matériaux énergétiques*, U. Ouargla, 2012.
  - **Hadj Mohammed SIDROUHO**, *Etude empirique et corrélative des propriétés PVT du pétrole Algérien*, U. Ouargla, 2011.
  - **Yasmîna MOKHBI**, *Réalisation d'un prototype expérimental d'un réacteur photo-catalytique pour une éventuelle utilisation dans les procédés de dépollution*, U. Ouargla, 2011.
  - **Said SALEMI**, *Modélisation des zones odorantes pour certains types d'odeur par la technique "Property clustering"*, U. Ouargla, 2009.
  - **Belgacem SOUYEI**, *Contribution à la Prédiction de*

Coefficient de Partage Octano/Eau par la Technique QSPR, U. Ouargla, 2008.

- **Thair Bouziane**, Contribution à l'étude de la relation structure chimique-odeur : Utilisation des réseaux de neurones et la logique floue (Application à la famille des pyrazines), U. Ouargla, 2008.
  - **Mebarka TEKHA**, Contribution à l'étude de la structure moléculaire – odeur : utilisation de la technique SVM (Application à la famille des pyrazines), U. Ouargla, 2008.
  - **Mustapha SAIDAT**, Etude et développement d'une Bibliothèque orientée objet de calcul de propriétés physiques et thermodynamiques basée sur le concept de contributions des groupes organiques fonctionnels, U. Ouargla, 2004.
- About **07 post-graduation** thesis (Phd) are supervised :
    - **Soufyane BOUTADJINE**, Etude et Développement d'une Approche Multicritères de Sécurité des Procédés Industriels et Maîtrise des Risques - Application aux Procédés Gaziers-, thèse 3<sup>ème</sup> cycle en cours.
    - **Hidaya IZZA**, Contribution à l'étude de l'extraction par solvant des aromatiques en vue de l'obtention des huiles lubrifiantes, Thèse Es-Sciences déposé, Mai 2016.
    - **Khadra MOKADEM**, Approche multi-échelles de la conception des liquides ioniques : application aux problèmes industriels, thèse Es-Sciences finalisée, Dépôt Septembre 2016.
    - **Khaled MANSOUR**, Développement et Mise en place d'une Plateforme Collaborative de Propriétés des Molécules Assistée par Ordinateur pour la Conception de nouveaux Produits – Procédés, thèse Es-Sciences en cours.
    - **Mebarka TEKHA**, Etude et développement des méthodes prédictives du calcul des propriétés objectives et subjectives des molécules organiques, thèse Es-Sciences en cours.
    - **Hadj Mohammed SIDROUHOU**, Approche Thermodynamique des Systèmes Gaz Naturel/CO<sub>2</sub>, thèse Es-Sciences en cours.
    - **Khaled SAADI**, Approche multi échelle de la relation structure chimique – odeur, thèse Es-Sciences en cours.
- Computer Aided Product – Process Engineering
  - Quantitative – Structure Properties Relationship (QSPR)
  - Thermodynamics Properties (PVT for Natural Gas)
  - Physical Properties Estimation
  - Photocatalysis treatment and water purification

#### RESEARCH INTERESTS:

#### ORGANIZATION OF CONGRESS, TRAINING NATIONAL COMMITTEE

Date:	04 & 5 December 2011
Title:	Member of the Local Organizing Committee
Scientific Event:	International Conference Employability and Professional Integration of Graduates of Higher Education: University Dynamic, Symbiosis and Labour Market, the Consortium of Universities: Biskra - Tebessa - Oum El-Bouaghi - Ouargla - Skikda – Guelma.
Place :	University Kasdi Merbah – Ouargla
Date:	12 & 13 April 2011
Title:	Member of the organizing committee (coordinator)
Scientific Event:	First International Symposium Processes & Environment

Place : University Kasdi Merbah - Ouargla

Date: November 26, 2008  
 Title: Participant  
 Scientific Event: National Seminar on University Synergy - Business, Workshop:  
 LMD Offers Professional Training

Place : University Kasdi Merbah – Ouargla

Date: 09 & 10 March 2004  
 Title: Member of the Organizing Committee  
 Scientific Event: First International Symposium on the Human Development and  
 the increment in the Knowledge of Economy

Place : University Kasdi Merbah - Ouargla

Date: 17 & 18 April 2001  
 Title: Member of the organizing committee  
 Scientific Event: 3<sup>rd</sup> National Conference of Functional Analysis and Applications  
 Place : Ouargla University

Date: 14 & 15 November 2000  
 Title: Member of the organizing committee  
 Scientific Event: 3<sup>rd</sup> National Symposium of Organic Industrial Chemicals and  
 Pharmaceuticals  
 Place : Ouargla University

Date: 2003  
 Title: Member  
 Pedagogic Event: National Teaching Committee of Process Engineering (CPN Génie  
 des Procédés)

**PROFESSIONALISM AND DEVELOPMENT:**

Date: 23-27 June 2001  
 Title: TRANSFER - Algeria "interactive courses Realization"  
 Event: CERIST (Algeria) & Agence Universitaire de la Francophonie  
 Place : (France), certificate No. 2001 Algiers-TRANSFER.  
 Algiers

Date: 2012  
 Title: Certificate of training SPECIALTIES IN E-LEARNING (SEL),  
 Formation CoseLearn promoting 3  
 Place: University Training a Distance, Switzerland, the reference number  
 101826-32-41CLSEL31.

Date: 24-28 April 2011  
 Title: TRANSFER 3.4 "Tutoring in open and distance learning"  
 Scientific Event: TRANSFER-ICT Algeria  
 Place : University of Oum El Bouaghi

**SCIENTIFIC PUBLICATIONS:**

Date: 2016  
 Authors: Khadra Mokadem, **Mourad Korichi** and Kaniki Tumba  
 Title: An enhanced group-interaction contribution method for the  
 prediction of glass transition temperature of ionic liquids  
 Journal: **Fluid Phase Equilibria**  
 Identification: <http://dx.doi.org/10.1016/j.fluid.2016.06.015>

Date: 2016  
 Authors: Hidaya IZZA, **Mourad KORICHI**  
 Title: *The Effect of Surfactant on Selectivity in the Extraction of*

- Journal: *Aromatic Hydrocarbons from the Lube Oil*  
**Arabian Journal for Science and Engineering**  
 Identification: DOI: 10.1007/s13369-016-2121-7
- Date: 2014  
 Authors: Mokhbi Yasmina, **Mourad KORICHI**, Sidrouhou Hadj Mohammed and Chaouche Khaoula  
 Title: *Treatment heterogeneous photocatalysis : Factors influencing the photocatalytic degradation by TiO<sub>2</sub>*
- Journal: **Energy Procedia** 50 (2014) 559 – 566  
 Identification: www.elsevier.com/locate/procedia
- Date: 2014  
 Authors: Khaled Saadi, **Mourad KORICHI**, Vincent Gerbaud, Thierry Talou and Pascal Floquet  
 Title: *Classification of the Aroma Quality of Pyrazine Derivatives using Random Forest Tree Technique*
- Journal: **Flavour Science** (V. Ferreira and R. Lopez (Eds))  
 Identification: DOI: http://dx.doi.org/10.1016/B978-0-12-398549-1.00092-1
- Date: 2013  
 Authors: H. M. Sidrouhou and **M. KORICHI**  
 Title: *Empirical and Correlative Study of PVT Proprieties of Algerian Oil*
- Journal: **Energy Procedia** 36 (2013) 738 – 745.  
 Identification: www.elsevier.com/locate/procedia
- Date: 2013  
 Authors: Belgacem SOUYEI, **Mourad KORICHI**  
 Title: A QSPR Study Of Normal Boiling Point Of Organic Compounds (Aliphatic Alkanes) Using Molecular Descriptors
- Journal: Journal of Fundamental and Applied Sciences, 2013, 5(2), 177-181 (ISSN 1112-9867)  
 Identification: http://www.jfas.info/index.php/JFAS
- Date: 2011  
 Authors: A. Merzougui, A. Hasseine, A. Kabouche, **Mourad KORICHI**  
 Title: *LLE for the Extraction of Alcohol from Aqueous Solutions with diethyl ether and Dichloromethane at 293.15 K, Parameter Estimation Using a Hybrid Genetic Based Approach*
- Journal: Fluid Phase Equilibria; Vol. 309 (2) : 161-167  
 Identification: http://dx.doi.org/doi:10.1016/j.fluid.2011.07.011
- Date: 2011  
 Authors: A. Hasseine, A. Kabouche, A.-H. Meniai, **Mourad KORICHI**  
 Title: *Salting effect of NaCl and KCl on the Liquid-Liquid Equilibria of Water + Ethyl acetate+ Ethanol System and Interaction Parameters Estimation using the Genetic Algorithm*
- Journal: Desalination and Water Technology, Vol. 29 (1-3): 47-55  
 Identification: http://dx.doi.org/doi:10.5004/dwt.2011.1621
- Date: 2009  
 Authors: A. Hasseine, A.-H. Meniai, **Mourad KORICHI**  
 Title: *Salting-out effect of single salts NaCl and KCl on the LLE of the systems (water + toluene + acetone), (water + cyclohexane + 2-propanol) and (water + xylene + methanol)*
- Journal: Desalination; Vol. 242 : 264-276  
 Identification: http://dx.doi.org/10.1016/j.desal.2008.05.006
- Date: 2008  
 Authors: **Mourad KORICHI**, V. Gerbaud, P. Floquet, A.-H. Meniai, S. Nacef, and X. Joulia  
 Title: *Computer Aided Aroma Design : Part I: Molecular Knowledge Framework*
- Journal: Chemical Engineering and Processing: Process Intensification, Vol. 47, Issue 11: 1902-1911

Identification: <http://dx.doi.org/10.1016/j.cep.2008.02.008>  
 Date: 2008  
 Authors: **Mourad KORICHI**, V. Gerbaud, P. Floquet, A.-H. Meniai, S. Nacef, and X. Joulia  
 Title: *Computer Aided Aroma Design : Part II: Quantitative Structure – Odour Relationship*  
 Journal: *Chemical Engineering and Processing: Process Intensification*, Vol. 47, Issue 11: 1912-1925  
 Identification: <http://dx.doi.org/10.1016/j.cep.2008.02.009>  
 Date: 2006  
 Authors: A. Hasseine, A.-H. Meniai, **Mourad KORICHI**, M. Bencheikh Lehocine, H. J. Bart  
 Title: *A Genetic Algorithm Based Approach to Coalescence Parameters: Estimation in Liquid - Liquid Extraction Columns*  
 Journal: *Chemical Engineering And Technology*, Vol. 29 (Issue 12), 1416-1423  
 Identification: <http://dx.doi.org/10.1002/ceat.200600218>  
 Date: 2006  
 Authors: **Mourad KORICHI**, V. Gerbaud, P. Floquet, A.-H. Meniai, S. Nacef and X. Joulia  
 Title: *Multiclass Molecular Knowledge Framework for Product and Process Design*  
 Journal: *Computer Aided Chemical Engineering*, Vol. 21 (N° 01), 889 – 894  
 Identification: [http://dx.doi.org/10.1016/S1570-7946\(06\)80158-6](http://dx.doi.org/10.1016/S1570-7946(06)80158-6)  
 Date: 2006  
 Authors: **Mourad KORICHI**, V. Gerbaud, P. Floquet, A.-H. Meniai, S. Nacef, and X. Joulia  
 Title: *Quantitative Structure – Odor Relationship: Using of Multidimensional Data Analysis and Neural Network Approaches*  
 Journal: *Computer Aided Chemical Engineering*, Vol. 21 (N° 01), 895 – 900  
 Identification: [http://dx.doi.org/10.1016/S1570-7946\(06\)80159-8](http://dx.doi.org/10.1016/S1570-7946(06)80159-8)

#### **International Scientific Event Publications:**

Date: 12-15 Jun 2016  
 Authors: Khaled Mansour and **Mourad KORICHI**  
 Presentation Title: *An Enhanced Group-Interaction Contribution Method for the Prediction of Normal Boiling and Critical points*  
 Scientific Event: 26<sup>th</sup> European Symposium on Computer-Aided Process Engineering 26  
 Identification: <http://escape26.conforganizer.net/program/abstract/413/POSTER>  
 Place : Portorož, Slovenia  
 Date: 12-15 Jun 2016  
 Authors: Khadra MOKKADEM and **Mourad KORICHI**  
 Presentation Title: *Group - Interaction Contribution Approach for prediction of Electrochemical Properties of Ionic Liquid*  
 Scientific Event: 26<sup>th</sup> European Symposium on Computer-Aided Process Engineering 26  
 Identification: <http://escape26.conforganizer.net/program/abstract/139/>  
 Place : Portorož, Slovenia  
 Date: 24<sup>th</sup> – 25<sup>th</sup> April 2015  
 Authors: Hind Bouafia and **Mourad KORICHI**  
 Presentation Title: *Thermodynamic Study of Solvents Type Ionic Liquids: Application in the Substitution of Polluted Solvents*  
 Scientific Event: 5<sup>th</sup> International Conference on Environment Science and

- Engineering, Volume 83 of IPCBEE  
 Identification: DOI: 10.7763/IPCBEE.2015.V83. 10, 2015  
 Place : Istanbul, Turkey
- Date: 10 – 13 April 2014  
 Authors: Mokhbi Yasmina, **Mourad KORICHI**, Sidrouhou Hadj Mohammed, Chaouche Khaoula
- Presentation Title: *Treatment Heterogeneous Photocatalysis : Factors Influencing The Photocatalytic Degradation By TiO<sub>2</sub>*
- Scientific Event: Technologies and Materials for Renewable Energy, Environment and Sustainability 2014 (TMREES14 – EUMISD), Editors: Chafic Salame, Michel Aillerie and Panagiotis Papageorga (ISBN: 978-1-63439-248-8)  
 Place : Beirut, Lebanon
- Date: 15 – 17 February 2013  
 Authors: H. M. Sidrouhou and **M. KORICHI**
- Presentation Title: *Empirical and Correlative Study of PVT Proprieties of Algerian Oil (paper N° 253)*
- Scientific Event: TerraGreen 13: International Conference - Advancements in Renewable Energy and Clean Environment:  
 Place : Beirut (Lebanon)
- Date: 13 - 15 Novembre, 2013  
 Authors: Khelifa SALHI, **Mourad KORICHI**, Abdenour BOURABAA  
 Title: *Modélisation des équilibres Liquide-vapeur de nouveaux mélanges des fluides frigorigène utilise dans le domaine de réfrigération solaire*
- Scientific Event: 16èmes Journées Internationales de Thermique (JITH 2013)  
 Place : Marrakech (Maroc)
- Date: March 05-06, 2013  
 Authors: Hadj Mohammed SID ROUHOU, **Mourad KORICHI**  
 Title: *Étude Prédictive et Corrélative de la Pression de Bulle du Pétrole Brut Algérien*
- Scientific Event: The INTERNATIONAL CONFERENCE ON ELECTRONICS & OIL: FROM THEORY TO APPLICATIONS  
 Place : Ouargla, Algeria
- Date: September 16 – 19, 2013  
 Authors: Khadra MOKDEM, **Mourad KORICHI**  
 Title: *Estimation of glass transition temperature of ionic liquids using Group-Interaction Contributions (Ref. N° 334, N° Abstract : 0793)*
- Scientific Event: Advanced Materials World Congress (AMWC 2013)  
 Place : Çeşme, Turkey
- Date: 25 - 27 Mars 2012  
 Authors: Y. Mokhbi, **M. KORICHI**, K. Mokadem et S. Saouli  
 Title: *Utilisation de l'Énergie dans le Traitement des Eaux : Dégradation Photocatalytique de polluants Organiques en Solution Aqueuse*
- Scientific Event: SEN 2012 : Séminaire sur l'Énergie  
 Place : Bab Azouar, Algeria
- Date: May 28-29, 2012  
 Authors: Belgacem Souyei, **Mourad KORICHI**  
 Title: *Polymères Naturels Issus du Végétale et d'Animaux : Matériaux Ciblés en Industrie Plastique*
- Scientific Event: Second International Symposium of Chemistry on Organic Materials and Renewable Energies  
 Place : Tebessa, Algeria
- Date: February 06- 09, 2012  
 Authors: Y. Mokhbi, **M. KORICHI** et S. Saouli  
 Title: *Dégradation photocatalytique d'acide benzoïque et du phénol dans un réacteur ferme parfaitement agité*



- Scientific Event: 1<sup>st</sup> International Days of Organometallic Chemistry and Catalysis  
Place : Ouargla, Algérie.
- Date: February 06- 09, 2012  
Authors: Khadra Mokadem, **Mourad KORICHI**, Mokhtar Saidi, Mohamed Mokadem  
Title: *Influence of iodide nonahydro -4,5,6,7,8,9,10,11,12,13-cyclodoca-1,2-dithiothiole-3-thione on corrosion inhibition of steel in acidic media*
- Scientific Event: 1<sup>st</sup> International Days of Organometallic Chemistry and Catalysis  
Place : Ouargla (Algeria)
- Date: February 06- 09, 2012  
Authors: Hadjira CHAIB, Djamel ZERROUKI, **Mourad KORICHI**  
Title: *Etude et simulation de l'hydrolyse enzymatique de cellulose en sucre fermentescible*
- Scientific Event: 1<sup>st</sup> International Days of Organometallic Chemistry and Catalysis  
Place : Ouargla (Algeria)
- Date: April 19-20, 2011  
Authors: Mebarka Tekha, **MOURAD KORICHI**, Segni Ladjel et Zohour Rahmani  
Title: *Contribution à l'étude de la relation structure chimique - odeur : utilisation de machine à vecteurs support application à la famille des pyrazines*
- Scientific Event: 2<sup>ème</sup> Séminaire International sur les Plantes Médicinales Ouargla,  
Place : Algeria
- Date: September 27-30, 2011  
Authors: K. Saadi, **M. KORICHI**, V. Gerbaud, T. Talou, P. Floquet  
Title: *Classification Of The Aroma Quality Of Pyrazines Derivatives Using Random Forest Tree Technique (paper 6.15)*
- Scientific Event: 13<sup>th</sup> Weurman Flavour Research Symposium  
Place : Zaragoza ( Spain)
- Date: April 12-13, 2011  
Authors: Y. Mokhbi, **M. KORICHI**, R. Mokhnache et S. Saouli  
Title: *Evaluation de l'Efficacité de l'Oxydation Avancée par la Photocatalyse Hétérogène UV/Tio2 pour la Dépollution des Eaux Usées*
- Scientific Event: CIPRENV'11 : Premier Colloque International Procédés et Environnement  
Place : Ouargla, Algeria
- Date: April 12-13, 2011  
Authors: H. Chaib, **M. KORICHI**, D. Zerrouki  
Title: *Kinetic and Modeling of Enzymatic Hydrolysis Sugar Fermentation*  
CIPRENV'11 : Premier Colloque International Procédés et Environnement
- Scientific Event: Environnement  
Place : Ouargla, Algeria
- Date: April 12-13, 2011  
Authors: Merzougui A, Hasseine A, D Layadhi, **M. KORICHI**  
Title: *Liquid-liquid Equilibria of multi-component Systems: Experimental, Simulation and Optimization*
- Scientific Event: CIPRENV'11 : Premier Colloque International Procédés et Environnement  
Place : Ouargla, Algeria
- Date: April 12-13, 2011  
Authors: D. Layadhi, Hasseine A, Merzougui A, **M.KORICHI**  
Title: *Estimation Des Paramètres Interactions Par Méthode Inverse Pour L'extraction Liquide-Liquide Avec Réaction Chimique*
- Scientific Event: Premier Colloque International Procédés et Environnement  
Place : Ouargla, Algeria

- Date: 26-29 Avril 2010  
 Authors: M. Tekha, **M. KORICHI**, S. Ladjel, Z. Rahmani  
 Title: *Contribution à l'étude de la Relation Structure Chimique - Odeur : Utilisation de Machine à Vecteurs Support : Application à la Famille des Pyrazines*  
 Scientific Event: BioTech World 2010 : Second International Conference on Biotechnology  
 Place : Oran, Algérie
- Date: 01 - 03 Décembre 2009  
 Authors: B. Souyei, **M. KORICHI**, T. Lanez, V. Gerbaud  
 Title: *A QSPR Study Of Octanol-Water Partition Coefficients Of Organic Compounds Using Molecular Descriptors*  
 Scientific Event: CIC2' 2009 : IIème Colloque International de Chimie  
 Place : Batna, Algérie.
- Date: 11 - 12 octobre 2006  
 Authors: **M. KORICHI**, V. Gerbaud, X. Joulia et P. Floquet  
 Title: *Approche Multi-Classes de Représentation des Molécules pour la Conception des Produits-Procédés Assistée par Ordinateur*  
 Scientific Event: SIMO'06 (Systèmes d'Information, Modélisation, Optimisation et commande en génie des procédés (colloque international en langue française)  
 Place : Toulouse, France
- Date: 11 - 12 octobre 2006  
 Authors: **M. KORICHI**, V. Gerbaud, T. Talou, C. Raynaud et P. Floquet  
 Title: *Relation Structure moléculaire – Odeur : Utilisation des Réseaux de Neurones pour l'estimation de l'Odeur Balsamique*  
 Scientific Event: SIMO'06 (Systèmes d'Information, Modélisation, Optimisation et commande en génie des procédés (colloque international en langue française)  
 Place : Toulouse, France
- Date: 11-14 April 2004  
 Authors: N. Guerra, **M. KORICHI**, S. Wamba Fosso & A. Abbas  
 Title: *Optimization of plug utilized in lost circulation treatment while drilling*  
 Scientific Event: The Third Symposium Scientific Research and Technological Development Outlook in the Arab World  
 Place : Riyadh, Kingdom of Saudi Arabia
- Date: 21-23 March 2004  
 Authors: N. Guerra, **M. KORICHI**, S. Wamba Fosso & A. Abbas  
 Title: *Optimization of plug utilized in lost circulation treatment while drilling*  
 Scientific Event: The Second International Symposium on Hydrocarbons & Chemistry  
 Place : Ghardaïa, Algeria.
- Date: 07-08 April 1998  
 Authors: D.M.T. Newsham, **M. KORICHI**, B. Khelfaoui & A.-H. Menia  
 Title: *Solubility and interaction parameters estimation by the Monte Carlo simulation*  
 Scientific Event: IChemE Research Events : Third European Conference for Young Researchers  
 Place : University of Newcastle Upon Tyne, Newcastle U.K

**National Scientific Event Publications:**

- Date: May 17, 2012  
 Authors: Belgacem Souyei, **MOURAD KORICHI**

- Presentation Title: *A QSPR Study of Normal Boiling Point of Organic Compounds (Aliphatic Alkanes) Using Molecular Descriptors*
- Scientific Event: Journée d'Étude sur la Chimie Analytique et la Physicochimie Moléculaire
- Place : El-Oued, Algeria
- Date: May 17, 2012
- Authors: Belgacem Souyei, **MOURAD KORICHI**
- Title: *Polymères Naturels Issus du Végétale et d'Animaux : Matériaux Ciblés en Industrie Plastique*
- Scientific Event: Journée d'Étude sur la Chimie Analytique et la Physicochimie Moléculaire
- Place : El-Oued, Algeria
- Date: Mars 09 – 11, 2011
- Authors: **M. KORICHI**
- Title: *كيفية استخدام تكنولوجيا المعلومات والاتصال في التعليم العالي*
- Scientific Event: *الملتقى الوطني : الحاسوب وتكنولوجيا المعلومات في التعليم العالي*
- Place : *جامعة قاصدي مرباح - ورقلة*
- Date: 26-28 Mai 2009
- Authors: K. Saadi, **M. KORICHI**, V. Gerbaud and N. Gherraf
- Title: *Study of Quantitative Structure-Odor Relationship by Radnom Forest Tree technique (application to pyrazines molcules)*
- Scientific Event: SAC '8: 8<sup>ème</sup> Congrès de la Société Algérienne de Chimie
- Place : Bejaïa (Algérie)
- Date: 14-16 Mai 2002
- Authors: S. Djidour, M. T. Mehammedi, and **M. KORICHI**
- Title: *AlSim: software for calculating thermodynamic and physical properties based on the concept of group contribution*
- Scientific Event: SAC 06 : 6<sup>ème</sup> Congrès de la Société Algérienne de Chimie Sétif
- Place : Algérie
- Date: 14-15 Nov. 2000
- Authors: **M. KORICHI**, A.-H. Meniai and S. Nacef
- Title: *A parameter standardization of a known property estimation method for organic compounds*
- Scientific Event: 3<sup>ème</sup> Symposium National de Chimie Organique Industrielle et Pharmaceutique
- Place : Ouargla (Algérie)
- Date: 17-18 Nov. 1998
- Authors: **M. KORICHI** and N. Hasnaoui
- Title: *Optimization of the distillation section of methanol complex*
- Scientific Event: 1<sup>ère</sup> Journée Scientifique du Centre Universitaire de Ouargla
- Place : Ouargla (Algérie).
- Date: 17-18 Nov. 1998
- Authors: **M. KORICHI**
- Title: *Process engineering at the dawn of 21st century*
- Scientific Event: 1<sup>ère</sup> Journée Scientifique du Centre Universitaire de Ouargla
- Place : Ouargla (Algérie)
- Date: 19-22 Avril 1998
- Authors: N. Settou, M. A. Abimouloud and **M. KORICHI**
- Title: *Numerical simulation of the phenomenon of condensation in a gas pipeline*
- Scientific Event: 3<sup>ème</sup> Journée Scientifique et Technique (JST3) de SONATRACH
- Place : Alger (Algérie)
- Date: 25-27 Nov. 1995
- Authors: A.-H. Meniai and **M. KORICHI**
- Title: *Estimation des paramètres d'interaction par la simulation de Monte Carlo*

Scientific Event: 3ème Journées Nationale de Chimie  
Place : Constantine (Algérie)

**Research internship in laboratories:**

Laboratory: Laboratoire de Génie Chimique (LGC, UMR-CNRS 5503)  
Duration: 01 month  
Date: From 1 June 2007 to 30 June 2007 (01 month)  
From 1 June 2004 to 30 June 2004 (01 month)  
From 18 April 2002 to 30 June 2002 (52 Days)  
From April 21, 2001 to May 18, 2001 (01 month)  
Nature of mobility: Short

Laboratory: Laboratoire de Génie Chimique (LGC, UMR-CNRS 5503)  
Research group: Département Procédés et Systèmes : de la Molécule aux Procédés  
Toulouse, France  
Duration: 18 months  
Date: From October 1, 2004 to March 31, 2006  
Nature of mobility: Long

**References:**

First name/surname : Prof. Ahmed BOUTERFAIA  
Occupation or position held: **Rector**  
E-mail (other): aboutarfaia@yahoo.fr  
Address (Business): Kasdi Merbah University, BP 511, route Ghardaia 30000 Ouargla (Algeria)

First name/surname : Prof. Belkhir DADA MOUSSA  
Occupation or position held: **General Director**  
E-mail (other): damoubel@yahoo.fr  
Address (Business): University Center of Tamanrasset, Algeria

First name/surname : Prof. Abedsalam Hassan Meniai  
Occupation or position held: **Dean of Faculty and ST Conference President**  
E-mail (other): meniai@yahoo.fr  
Address (Business): University of Constantine 03, Constantine 25000, Algeria

First name/surname : Prof. Pascal Floquet  
Occupation or position held: **Professor**  
E-mail (other): pascal.floquet@ensiacet.fr  
Address (Business): Chemical Engineering Laboratory (LGC, UMR-CNRS 5503), Toulouse, France

First name/surname : Dr. Vincent Gerbaud  
Occupation or position held: **Professor**  
E-mail (other): Vincent.gerbaud@ensiacet.fr  
Address (Business): Chemical Engineering Laboratory (LGC, UMR-CNRS 5503), Toulouse, France

