

**First name/surname :** **KORICHI Mourad**

Address (Business): Kasdi Merbah University, BP 511, route Ghardaïa 30000 Ouargla (Algeria) : <http://www.univ-ouargla.dz>

E-mail (Business): Korichi.Mourad@univ-ouargla.dz

E-mail(other): Mourad.Korichi@gmail.com

Nationality: Algerian

Google Scholar : <https://scholar.google.fr/citations?user=but6NnUAAAAJ&hl=fr>

Research Gate : https://www.researchgate.net/profile/Mourad_KORICHI2

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 14.07.2016

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**

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) and National Polytechnic Institute Toulouse (<http://www.inp-toulouse.fr/>)

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*

	<i>Computer Aided Products design to the problems of Computer Aided Products - Process design</i>
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:	<i>Estimation of Interaction and Solubility Parameters by Monte Carlo Simulation</i>
Date:	30.06.1993
Title or qualification awarded:	Engineer (Chimie Industrielle)
Education institution:	Algerian Petroleum Institute (http://www.iap.dz)
Thesis Title:	<i>Study of the overheating origin at the separation column of lights products (Methanol Unit, CP1/Z)</i>

TEACHING :

Graduate:	<ul style="list-style-type: none"> • Estimation of Properties of Hydrocarbons (1st Year Master Naturel Gas Engineering). • New Information Technologies and Communication (1st Year Master Refining and Hydrocarbon Technology). • Computer Aided Process Engineering (2nd Year Master Chemical Engineering). • Thermodynamics and Process (1st Year Master Refining and Hydrocarbon Technology). • Equipment units (2nd Year Master Refining and Hydrocarbon Technology). • Modeling, Simulation and Optimization of Process (5th Year Engineering Process Engineering). • Applied Numerical Analysis (3th Year Engineering Process Engineering).
PostGraduate:	<ul style="list-style-type: none"> • Process and Product Modeling (1st Year Magister Environment and Process). • Software Calculation (1st Year Magister Environment and Process & 1st Year Magister energetic and Process). • Functional Analysis of Process (1st Year Magister Chemical Engineering). • Optimization of Process (1st Year Magister Chemical Engineering). • Computer Science (1st Year Magister Analytical Chemistry and 1st Year Magister Industrial Organic Chemical products) • Reservoir and Fluids properties (1st 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.
 - **Abdenour 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 (CO₂) 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 SIDROUHOU**, *Etude empirique et corrélative des propriétés PVT du pétrole Algérien*, U. Ouargla, 2011.
 - **Yasmina 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^{ème} cycle en cours.
 - **Hidaya IZZA**, *Contribution à l'étude de l'extraction par*

RESEARCH INTERESTS:

- 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/CO₂, 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

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: 3rd National Conference of Functional Analysis and Applications
Place : Ouargla University
- Date: 14 & 15 November 2000
Title: Member of the organizing committee
Scientific Event: 3rd 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 (France), certificate No. 2001 Algiers-TRANSFER.
Place : 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: A new group-interaction contribution method to predict the thermal decomposition temperature of ionic liquids
Journal: **Chemometrics and Intelligent Laboratory Systems**
Identification: <http://dx.doi.org/10.1016/j.chemolab.2016.08.001>

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 Aromatic Hydrocarbons from the Lube Oil*
Journal: **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 TiO₂*
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 Properties 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: 26th European Symposium on Computer-Aided Process Engineering 26
 Identification: <http://dx.doi.org/10.1016/B978-0-444-63428-3.50211-3>
 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: 26th European Symposium on Computer-Aided Process Engineering 26
 Identification: <http://dx.doi.org/10.1016/B978-0-444-63428-3.50080-1>
 Place : Portorož, Slovenia

Date: 24th – 25th 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: 5th 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 TiO₂*
 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 Prédicative 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: 1st 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: 1st 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: 1st 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^{ème} 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: 13th 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*

Scientific Event: CIPRENV'11 : Premier Colloque International Procédés et 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. Guerraf, **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. Guerraf, **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: 8ème 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^{ème} 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^{ème} 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^{ère} 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^{ère} 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^{ème} 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: 3^{ème} 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:

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- First name/surname : Vincent Gerbaud
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