
Curriculum Vitae

Issam Kouatli, Ph. D.

Marital status: Married

Nationality: British

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ACADEMIC RECORD

Ph.D. in Engineering (Fuzzy systems-Robot application), Birmingham University, 1990, U.K

M.Sc. in Manufacturing Technology, Birmingham University, 1987, U.K

BSc in Mechanical Engineering – Manufacturing major, KSU

Lecturing or Profession-based Interests: (Lecturing at LAU since 2006)

Management Information Systems, Systems Analysis and Design, Project Management, Operations Management, Business Data communication, Information Security, Network security, Business Intelligence.

Research Interests:

- “Intelligent Systems”, specifically Genetic Fuzzy systems and their use in Decision-Making mechanisms and their applications
- Cloud Computing integration to business implementations.
- AI/fuzzy system implementations for system decision-making.

Other Professional degrees/certifications:

April 2001	Solaris 7 UNIX System Administration I certification
NOV 2000	Cisco Networking Academy Program Certificate
NOV 2000	C&G 730 I, Teacher/Trainer Certificate
DEC.1998	MCSE (Microsoft Certified Systems Engineer)
July 1998	MCP (Microsoft Certified Professional - NT Workstation 4.0)
AUG 1995	CNE (Certified Netware Engineer)
OCT 1994	CNA (Certified Netware Administrator)

Academic Experience

OCT2006 – present Lebanese American University, LAU-Beirut

Several responsibilities have been assigned to me since I joined LAU. These can be categorized into two main categories: Academic and Administrative responsibilities:

Academic Responsibilities: include:

Lecturing several undergraduate/postgraduate courses in ITOM major.

Analysis & Design (senior study – LAU)

MIS1 (Conceptual MIS)

MIS2 (practical MIS/Analytics- LAB based course)

Business Data Communication (Networking – TCP/IP)

Information Security

Project Management (IT project management, undergraduate and graduate levels)

Management systems (MBA graduate course)

Operation and Production Management

Conducting and publishing research in new theories and principles of ITOM/DSS.

(Details of publication list provided in the following sub-section(s))

Supervising and/or acting as a reader to some MBA projects.

Administrative Responsibilities include (past and present):

Acted as secretary in “University Graduate Council”, UGC

Acted as secretary in “Financial Aid Council” FAC

Acted as a Chairman in “University Library and Information Resources Council”, ULIRC

Acted as a member in the university senate, representing the Business school-Beirut

Acted as a member of the Campus Life Council (CLC)

Acted as a member of the “Strategic Plan Committee”

Acted as an Advisor to the Information Technology club in LAU

Acted as a member of the Campus Academic Committee (CAC)

School of Business Level:

Acted as Course Coordinator for ITM211(MIS 1)

Acted as AACSB – SASC member

Acted as AACSB – Standard 1-5 committee member

8th OCT 2001- SEP2006: Freelance lecturer - Beirut

Lecturing several different ENG/CS/MIS topics in a number of universities like AUB, LAU & BAU. Topics lectured in different schools are:

Business school

Analysis & Design (senior study – LAU)

MIS1 (LAU)

MIS2(LAU) (This is a practical MIS LAB-based course.)

Information Security

Project Management (LAU)

E-Business (Undergraduate course – AUB)

Management systems (MBA graduate course – LAU)

Project Management (MBA graduate course – LAU)

Management of Information Technology (EMBA course – LAU)

Computer Science School

Operating Systems (undergraduate course CS-LAU)

Theory of Computation (Undergraduate course – CS-LAU)

Expert Systems (AI) (Graduate Course CS-LAU)

Distributed Systems (Graduate course CS-LAU)

Mechanical Engineering school

Manufacturing Processes – (BAU)

Computer Applications for Mechanical Engineers - BAU

Industrial Experience and Consulting Work

Work Experience:

1995 – July 2001 Freelance IT consultant and director of a British based limited company “Multiware Technologies Limited”. Clients I have worked for are:

27th NOV 2000– 31st July 2001: City-Reach International Limited- UK

Position: Manager of Network Operation Centre/Team Leader

City-Reach is a company that provides Secure Internet Hosting services for other

Internet providers. Looking after a team of IT/Network engineers managing the operations of the Network Operations Centre termed as “Global Management Centre”(GMC). My main responsibilities were:

- Man-Management, team Building and coordinating with other teams/departments
- Troubleshooting of customers’ equipment and connectivity.
- Involvement of integration of BMC Patrol, HP Open view and Remedy system.
- Troubleshoot and managed Windows 2000 systems and Cisco equipment.
- SUN Solaris 7 systems installation, configuration and troubleshooting
- Involvement and coordination of acceptance testing, configuration management, problem management documentation, procedure, and implementation.
- Organising training for members of staff for operational equipment
- Day-to-day GMC operation (Helpdesk and engineering staff).

1st August – 24th NOV 2000 : Transco (BG-Group PLC) - UK

Position: IT Consultant.- Desktop Integration

As a Desktop Integration consultant, my main responsibilities were:

- Novell 4.11 administration and exposure to Novell 5.0 administration.
- Developed, delivered, and supported scripting of applications running on NT 4.0 Desktops using NAL/ZENWORKS for Novell 4.11 server systems.
- NT Domain scripting SMS (System Management Server) installer for NT 4.0 was also used to deliver an application to the desktop.
- Troubleshooting and supporting various applications were my other activities in this contract.

7th March 2000 –28th July 2000 : Smart Technology Limited - UK

Position: Technical Manager

Managing a team of 4 support engineers, my main responsibilities were:

- Day-to-day process and Man management
- Provide technical management and support of all IT aspects
- Providing technical support to external customers.
- Windows NT4 servers automated Application delivery.
- Network trouble-shooting and set-up.

10th August 99 until End Jan 2000 : Rover Group – AT&T - UK

Position IT Consultant – Y2K Project

Rover Group has about 340 servers (Novell and NT) and about 10,000 workstations spread across eight different sites. My main role was to provide technical consultation for:

- Co-ordination and management of Y2K application delivery.
- Day-to-day activity for Millennium-related issues
- TCP/IP, IPX, and communication troubleshooting and configuration.
- Investigating and developing deployment/delivery mechanism for Y2k patches
- Application patches implementations for both servers and clients.
- Administration and support of NT and Novell systems.
- NT 4.0 management and scripting tools.

1st FEB.-30th July 99 : Smart Technology Limited - UK

Position: Technical Consultant/Manager

My main responsibilities in this contract were:

- * Day-to-day .Man management.

- * Installation, Configuration and development of automated build script for Windows NT 4.0
- * TCP/IP client/server configuration.
- * Set-up and demonstration of Novell Application Launcher (NAL) delivery system.

14th April 98 - 22nd JAN. 99: HALIFAX PLC - UK

Position: Third Line Support and Development

HALIFAX Bank has over 1000 servers and 12000 workstations across the whole UK. Worked as a member in a 3rd Line Support/Development team where our responsibilities were to:

- * Automated client configuration, Automated TCP/IP configuration/deployment.
- * Developed and test an automated building script for NT 3.51 and NT4.0
- * Application delivery of the required software like MS Office, Oracle, and other client-end banking software.
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24th Feb.- 8th April 1998 : TCB systems - UK

Position: Novell Trainer

I have provided training courses on Novell 4.11 Administration / Advanced Administration topics as well as installation and configuration of Novell servers using either IPX or TCP/IP/Netware protocols.

23rd OCT. - 19th DEC. 1997 : Lewisham College – London - UK

Position “NOVELL - Intranetware 4.11 consultant”

A total of five NOVELL Intranetware 4.11 servers were built with a design and implementation of the NDS tree. Bindery and data on existing 3.1x servers were migrated to the new NDS tree. One requirement was to apply a Fault Tolerance (back-up server) to one of their most important server. VINCA and SFT III were investigated and SFT III was chosen as the best system applicable to the Novell platform. The two mirrored servers were installed on their own TCP/IP subnet via Mirrorlink card and fibre Optic segment. The main responsibilities and activities in this contract were:

- * Provide Support Guidance to permanent members of staff.
- * Installation and configuration of Intranetware-Novell 4.11
- * Installation and implementation of SFT III Novell 4.11
- * Bindery and Data Migration of NDS Novell 4.11 system.
- * Arcserve 6.1 Back-up system installation and implementation with SFT III

1st NOV. 96 until 17th OCT. 97 : Global One Telecommunications - UK

Position “Network Manager”

In this contract, the main priority was to find a permanent fix and enhancement of their unstable NOVELL 3.12 servers. The server was crashing intermittently about three times a week. Also, it was required to maintain the NFS UNIX–Novell integration software. The problem was investigated and resolved. The other main task was to develop and implement a servers rollout plan of their 5 main sites. These are specified as Windows NT servers that are combination of file/print servers as well as Exchange servers. 7 NT file/print servers corresponding to their 7 sites in UK replaced the 5 NOVELL servers. Each one of those servers were configured as BDC of a single Domain with local DHCP and WINS configuration for each site in its own TCP/IP subnet where IP range/subnet specified for each site. Migration of Data and users/group accounts and access were re-created as defined in the old NOVELL systems. SQL/SMS tools were also installed and used mainly for remote trouble-shooting for servers/Workstations. My main skills and responsibilities and activities in this project were:

- * Man management and Day-to-day administration and system set-up
- * Third Party communication and co-ordination of project development

- * TCP/IP, DHCP, WINS and DNS installation, configuration and site allocation.
- * Novell servers trouble-shooting and enhancement

19th AUG - 13th OCT. 96 : CSC - Scotland HEALTH CARE - UK

Position: "NOVELL & GROUPWISE SUPPORT"

Responsibilities: Novell 3.12, 3.11, 4.1 Support, Groupwise support
- Win 3.11, win95 WinNT support

31st July - 16th AUG 96 : SIMON CARVES LIMITED - UK

Position : "NOVELL CONSULTANT"

Responsibilities and activities in this short contract were: :

- * Novell 3.12 Trouble-shooting and Problem solving
- * Guidance to migration of Novell 3.12 to 4.1 upgrades.

16th OCT. 1995- 28th June 96: WHITTINGTON HOSPITAL - UK

Position : "NOVELL Consultant"

As a Novell specialist, my main objective was to provide a more reliable and improved Novell networking system with a higher capacity of disk space. I have proposed and developed a total of 3 main (ver 4.1) servers where two of them has 4GB SFT III capabilities and the third server has a 2GB mirroring capability. The data migrated from the old 3.12 five servers system to the new 4.1 three servers system providing the best Self-Fault Tolerance (SFT III) Novell can provide. Demonstration and illustration of the new system was also provided to the hospital's Technical and support staff during the project development where system administration on all of the NOVELL servers as well as the WPOFFICE administration was my second major task in the hospital. Installation and support of ARCSERVE ver 5.01g, NFS Unix-Novell integration, MSOffice ver 4.3, REFLECTIONS suite and WP-OFFICE (GROUPWISE) were also part of my day-to-day activities.

13th MAR-19th JUL. 1995: THE BARGAIN PAGES - UK

Position: "IT DEVELOPMENT AND PRODUCTION MANAGER".

When employed in "BARGAIN-PAGES" as "IT Development and Production Manager", my main tasks were:

- * Manages the production cycle.
- * Coordinated with third-party suppliers.
- * Provide technical support of the whole Production processes.
- * Provide a solution to an intermittent fault to their 3.12 Novell networking system.

Permanent Positions

19th FEB. 1990-13th MAR 1995: AVERY-BERKEL (GEC-AVERY) - UK

Position: "SENIOR MANUFACTURING ENGINEER"

As a senior manufacturing engineer in AVERY-BERKEL, my major responsibilities were:

- * Manage, design, and develop automated test rigs.
- * ISO9001 procedures for manufacturing processes.
- * SPC system maintenance and analysis.
- * Co-ordination with third-party suppliers

1987-1989: THE UNIVERSITY OF BIRMINGHAM - UK

Position: "Researching in Intelligent systems" - PhD. studies
"LAB Instructor" (Part time).

Responsibilities: Demonstration of control engineering class.

Published Research/Scholarly Work

Publications in Ranked Refereed Journals (PRJ):

Basic (Discipline-Based) Research and Applied (Empirical) Research

- 1) Kouatli, I. and Jones, B. (1990) "A Guide to the Design of Fuzzy Control Systems for Manufacturing Processes", Published in International Journal of Intelligent Manufacturing, vol.1, pp231-244, 1990
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- 2) Kouatli, I. and Jones, B. (1991) "An Improved Procedure for the Design of Fuzzy Control Systems" Published in International Journal of Machine Tool and Manufacture. Vol 31, No 1, pp 107-122, 1991
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- 3) Kouatli, I. (1994) "A Simplified Fuzzy Multivariable Structure in Manufacturing Environment", Published in International Journal of Intelligent Manufacturing, vol.5, no.6, 1994.
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- 4) Kouatli, I. (2009) "Definition and selection of fuzzy sets in genetic-fuzzy systems using the concept of fuzzimetric arcs", Published in Kybernetes Vol. 37, No. 1, 2008, pp 166-181
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- 5) Kouatli, I. Khayat H., (2010) "FIE: A Generic Decision Making Tool with an Example of CRM Analysis" Published in "European Journal of Management" EJM Volume10, Number 2, 2010, pp 64-72
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- 6) Kouatli, I. and Beyrouti, N., (2010) "Student Performance Expectation System Using Genetic Fuzzimetric Technique", Published in Review in Business Research, RBR, Volume 10, Number 2, 2010, PP 92-98
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- 7) Kouatli, I. (2012) "Multivariable Decision Making Process Using the Concept of Genetic Fuzzimetric Technique" Published in "ICIC Express Letters"- IJICIC- SEP 2011- ISSN 1881-803X, Volume 5, Issue 9A
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- 8) Kouatli I, (2013) "A Biologically Inspired Decision Model for Multivariable Genetic-Fuzzy-AHP System", Procedia Computer science, Volume 22, 2013, Pages 2–9, 2013
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- 9) Kouatli, I, (2014) "A comparative study of the evolution of vulnerabilities in IT systems and its relation to the new concept of cloud computing", "Journal of Management History", VOL 20, Issue 4, 2014
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- 10) Kouatli, I, (2014) "Impact of un-ethical IT behaviours to cloudy businesses", "International Journal of Trade and Global Markets", Vol 7, number 3, 2014
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- 11) Kouatli, I, (2016) "Global Business vulnerabilities in Cloud Computing Services", "International Journal of Trade and Global Markets", Vol 9, number 1, 2016
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- 12) Kouatli I., (2016) "Managing Cloud Computing Environment: Gaining Customer Trust with Security and Ethical Management", Procedia Computer Science, Vol 91, 2016, PP 412-421.
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- 13) Kouatli I., Religion as Apparatus of Ethical Similarity: A Catalyst Toward the Framework of Ethical Behaviors (FEB) in Technical Environment, Research in Ethical Issues in Organizations vol 18, 2017
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- 14) Kouatli I., (2018) Emotions in the cloud: A Framework Architecture for Managing Emotions (FAME) with an example of Emotional Intelligence management of cloud computing Organizations. International Journal of Work Organization and Emotions, Vol9, Issue 2, 2018
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- 15) Kouatli I., (2018) Fuzzimetric employee evaluations system (FEES): A multivariable-modular approach, Journal of Intelligent and Fuzzy Systems, Vol: 35 no 4, pp 4717-4729, 2018.
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- 16) Kouatli I., (2018) The Contemporary Definition of University Social Responsibility with Quantifiable Sustainability, Social Responsibility Journal, Vol , Issue DOI: 10.1108/SRJ-10-2017-0210
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- 17) Kouatli I., Ben Abdallah S., (2018) “An Augmentation of Fuzziness to Randomness in Project Evaluation”, in Frontier of Artificial Intelligence and Applications, volume title: Fuzzy “Systems and Data Mining IV: Proceedings of FSDM 2018” edited by Tallon-Ballesteros, Li, IOS 2018.
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- 18) Kouatli I., (2018) “Fuzzimetric Sets: An integrated platform for both types of fuzzy sets”, in Frontier of Artificial Intelligence and Applications, volume title: Fuzzy “Systems and Data Mining IV: Proceedings of FSDM 2018” edited by Tallon-Ballesteros, Li, IOS 2018. Won “Best paper Award” when presented in FSDM2018 conference.
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- 19) Kouatli I., (2019) "People-process-performance benchmarking technique in cloud computing environment: An AHP approach", International Journal of Productivity and Performance Management, <https://doi.org/10.1108/IJPPM-04-2017-0083>
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- 20) Kouatli, I. (2019), "The need for social and academic responsibility advisor (SARA): a catalyst toward the sustainability of educational institutes", *Social Responsibility Journal*. <https://doi.org/10.1108/SRJ-04-2019-0151>
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- 21) Ben Abdallah S., Kouatli I. Fuzzy Volatility of Project Option Value Based on Trapezoidal Membership Functions. In: Kahraman C., Cebi S., Cevik Onar S., Oztaysi B., Tolga A., Sari I. (eds) Intelligent and Fuzzy Techniques in Big Data Analytics and Decision Making. INFUS 2019. Advances in Intelligent Systems and Computing, vol 1029. Springer, Cham
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- 22) Kouatli, I. (2020) "The Use of Fuzzy Logic as Augmentation to Quantitative Analysis to Unleash Knowledge of Participants Uncertainty when Filling a Survey: Case of cloud computing", IEEE Transactions on Knowledge and Data Engineering On page(s): 1-12 Print ISSN: 1041-4347 Online ISSN: 1041-4347 Digital Object Identifier: 10.1109/TKDE.2020.2993326
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- 23) Kouatli, I. (2020) “Chapter 2: The Ten Commandments of Working Robots In Organisations: From History to the Future of Robot Ethics, Legislation, and Management” in “War, Peace and Organizational Ethics”, Research in Ethical Issues in Organizations,

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- 24) Issam Kouatli (2022), “Modeling fuzzimetric cognition of technical analysis decisions: reducing emotional trading”, Journal of fuzzy extension and applications, volume 3.
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- 25) I Kouatli, S Ben Abdallah, A Terhini, H Naccash (2022), “A Review of the Applicability of Classical and Extension of Fuzzy Logic Approaches to Project Decision-Making using Real Options”, Journal of Fuzzy Logic and Modeling in Engineering.
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Publications (and presentations) in Refereed Conference Proceedings:

- 1) Kouatli, I. "Design of Fuzzy Multivariable Technique Based Upon Human Behaviour", Presented and Published in an IEE Colloquium, UK, 19th May 1993.
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- 2) Kouatli, I. “A Guide to the Design of Intelligent Self-Diagnostic Systems for Manufacturing Processes”, Published and presented in COMADEM, UK, 16th-18th July 1996.
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- 3) Kouatli, I. “GFS Tuning Algorithm Using Fuzzimetric Arcs”, CISSE-SCSS-2009 Volume 2 conference proceedings, 4-12 DEC 2009, Bridgeport University, USA. Later was published in Springer’s book: “ Innovations in Computing Sciences and Software Engineering”
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- 4) Kouatli I., (2010) “FIE: A Generic Decision Making Tool with an Example of CRM Analysis”. IABE 2010 Summer conference- Thailand, 4-6 June 2010. Published in the conference proceedings
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- 5) Kouatli I., (2010) “Student Performance Expectation System Using Genetic Fuzzimetric Technique”, IABE 2010 Summer conference- Thailand, 4-6 June 2010. Published in the conference proceedings.
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- 6) Kouatli, I., Balozian, P., (2011) “Theoretical Versus Practical Perception of IT ethics in Lebanon”, Presented and published in 2011-SIBR conference on Interdisciplinary Business and Economic Research, Bangkok Thailand. Electronic copy available at: <http://ssrn.com/abstract=1869432>
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- 7) Kouatli, I “Decision making model based on the concept of Genetic Fuzzimetric Technique (GFT)”, published and presented in the 3rd International Multi-Conference on COMPLEXITY, INFORMATICS AND CYBERNETICS: IMCIC 2012, *March 25th – 28th, 2012 ~ Orlando, Florida, U.S.A.* Acted as co-chair for one of the conference sessions.
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- 8) Kouatli, I., “GENETIC FUZZIMETRIC TECHNIQUE (GFT): A New Optimization Methodology Using the Concept of Fuzzimetric Arcs”, presented and published in: “*6th IEEE International Conference on Intelligent Systems*”, Sofia, 6-8 SEP 2012. IEEE Catalog Number CFP12802-PRT, ISBN 978-1-4673-2782-4.
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- 9) Kouatli, I. (2013) “Impact of Un-ethical I.T. Behaviors to Cloudy Businesses”, Presented and published in SIBR-2013 conference on Interdisciplinary Business and Economic Research, Bangkok Thailand. 6-8 June 2013.
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- 10) Kouatli, I, (2013) “Issues of establishing Businesses using Cloud Computing”, Presented and published in AGBA-2013 conference on 10th Annual World Congress of the Academy for Global Business Advancement, Bangkok Thailand. 15-17 June 2013.
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- 11) Kouatli I, (2013) “A guide to business protection from an un-ethical IT behaviors”, GIKA-2013, Global Innovation and Knowledge Academy, Valencia, 9-11 July 2013 .
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- 12) Kouatli I., (2014) “THE EVOLUTION OF IT SECURITY AND ETHICS MANAGEMENT STRATEGIES AND ITS RELATION TO THE NEW CONCEPT OF CLOUD COMPUTING INFRASTRUCTURE”, Presented and published in AGBA-2014 conference on 11th Annual World Congress of the Academy for Global Business Advancement, Bangkok Thailand, JAN 2014. Chaired a session in this conference.
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- 13) Kouatli, I, (2014) “Fuzzimetric Type-2 Sets Representation Using Fuzzimetric Arcs”, 11th International Conference on Fuzzy Systems and Knowledge Discovery (FSKD 2014). Chaired a session in this conference. The paper was also published with IEEE Xplore.
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- 14) Kouatli, I, (2014) “Complexity Avoidance using Biological Resemblance of Modular Multivariable Structure”, 10th Int. conference on Natural Computation.(ICNC’14). The paper was also published with IEEE Xplore.
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- 15) Kouatli, I., (2014) “The Ten Commandments of Cloud Computing Security Management”, 2ndInternational Conference on Cloud Security Management (ICCSM-2014)
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- 16) Kouatli, I., (2014) “Implementation of a Multivariable Modular Structure for Fuzzy Taxi Scheduling System (FTSS)”, ICCVE, 2014, Vienna, Austria. Chaired a session in this conference. The paper was also published with IEEE Xplore.
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- 17) Kouatli, I. (2015) “*The Non-Technical Issues with Autonomous Vehicles*”, ICCVE, 2015, China, Chaired a session in this conference. 19-23 OCT 2015. The paper was also published with IEEE Xplore.
- 18) Kouatli, I., (2015) “*Computing with Words: Are we ready to “talk” to our cars?*” ICCVE, 2015, China. Chaired a session in this conference. 19-23 OCT 2015. The paper was also published with IEEE Xplore.
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- 19) Kouatli, I., (2015) “Student Advising Decision to predict student’s Future GPA based on Genetic Fuzzimetric Technique (GFT)” FUZZ-IEEE 2015, Istanbul, Turkey. 2-5 AUG 2015. The paper was also published with IEEE Xplore 2015.
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- 20) Ben Abdallah S., Kouatli I., (2018) “Fuzzy Volatility effect on major projects timing”, FUZZ-IEEE 2018, published in IEEE Xplore July 2018.
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- 21) Kouatli, "Fuzziness Control of Fuzzimetric sets," 2019 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), New Orleans, LA, USA, 2019, pp. 1-5.
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- 22) Kouatli, I, Elkhailil, R., Karam, K. (2020) "Agility decision-making model in digital enterprise markets driven by turbulence of cultural cognition and technological Innovation", presented in DASA’20 and to be published in IEEE Xplore.

- 23) Issam Kouatli, Mahmoud Arayssi (2021), “A Fuzzimetric Predictive Analytics Model”, Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation: Proceedings of the INFUS 2021 Conference, held August 24-26, 2021. Volume 2
- 24) Issam Kouatli, Manal Yunis, (2021), “A guide to stock-trading decision making based on popular technical indicators”, 2021 International conference on decision aid sciences and application (DASA)
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Academic Conference Presentations: (Abstract/title publication and presentations only)

- 1) Kouatli, I. “Fuzzimetric Arcs: An optimisation technique for soft-computing” presented in The European Conference on Combinatorial Optimization (ECCO XVII), AUB, Lebanon, 24-26 June 2004
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- 2) Kouatli, I. “An Object Oriented fuzzy set definition and Optimization technique for genetic fuzzy systems”. Published and presented in the “Research Trend in Science and Technology (RTST)”, LAU, Lebanon, 7-9 March 2005.
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- 3) Kouatli, I. “Method of measuring CRM performance using Fuzzy logic tool”, Presented in 15th Science Meeting of “The Lebanese Association for the Advancement of Science (LAAS)” and “The National Council for Scientific Research (CNRS)”, AUB, Lebanon, 14th NOV 2008.
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- 4) Kouatli, I. and Beyrouiti, N. “Student performance expectation system using Genetic Fuzzimetric Technique” presented in IABE-**2009** conference. Published in conference proceeding 18-21 OCT 2009. Las Vegas-USA. This was the first presentation of this paper before the requested modification from the editor to publish it in a journal.
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- 5) Kouatli, I. “A Biologically Inspired Tuning Algorithm for Multivariable Genetic –Fuzzy Systems”, Presented in 19th LAAS Science Conference.5-6 April 2013. Meeting of “The Lebanese Association for the Advancement of Science (LAAS)” and “The National Council for Scientific Research (CNRS)”, LAU, Lebanon,
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- 6) Kouatli I., (2016) “Fuzzy Employee Evaluations System (FEES): An Employee Appraisal Decision Support system”, Presented in ICOM 2016. **Won a “Best paper award” for the allocated session.**
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- 7) Kouatli I.,(2016) An AHP Approach for Cloud Performance Management, Presented in ICOM 2016.
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- 8) Kouatli I., (2017) “Cloud Ethics from Organizational Perspective”, LAU, LCIS 27-29 April 2017
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- 9) Kouatli I., (2017) “Fuzzimetric Sets”, LAU, LCIS 27-29 April 2017.
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- 10) Kouatli I., Ben-Abdallah S.,(2017) “Applicability of a Fuzzy Real Options Approach to CSR Project Management: Example of Green Cloud project”, ICOM 2017. **Won a “best paper award”.**
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Research/Scholarly Work In Progress

- Machine Learning in Cognitive systems
- Analytics of statistical survey information
- Fuzzy Sustainability

Learning /Pedagogical Contributions**New Courses/ Programs Developed:**

- Played the leading role in developing the curriculum of the MIS program (2011-2012)
- Prepared course notes and handout problems (course MIS1, MIS2, MIS499, project management).

Contribution to Practice**Articles in Practice-Oriented Journals:**

- 1) Kouatli, I. "A Guide to the Design of Intelligent Self-Diagnostic Systems for Industrial Processes" Al-Mouhandess Journal; number 19, autumn 2004.
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- 2) Kouatli, I. "How to use fuzzy logic as a Decision making Process- An automated camera zooming example" Al-Mouhandess Journal number 20, winter 2005.

Reviewer for Refereed Conferences:

- Acted as a reviewer for IEEE-CISSE-SCSS-2009 held in Bridgeport University.
- Acted as a reviewer in IABE 2010 conference held in Thailand
- Acted as a reviewer for ISI-2012 conference held in India.
- Acted as a reviewer for FSKD 2014 conference held in China
- Acted as a reviewer for ICNC 2014 conference held in China
- Acted as a reviewer for ICCVE 2014 conference held in Vienna
- Acted as a reviewer for "Journal of Management History" (2015)
- Acted as a reviewer for "IEEE-Transactions on Fuzzy Systems" (2017)
- Acted as a reviewer for IEEE Transactions on Systems, Man and Cybernetics: Systems (2018)
- Acted as a reviewer for FUZZ-IEEE 2019.

Participation in Jury/Exhibitions/Competitions:

- Acted as jury member for OCRA 2011 (Open Championship of Robotic Association) held in LAU-Byblos.

Research Supervision**Number of Supervised MBA Projects (Total=5 Projects):**

- Project constitutes one of three options to complete exit requirements for MBA graduation in the Business school. It is worth 3 credit hours and is supervised by two faculty members. Main Advisor (first reader) and Co-Advisor (second reader).