

CURRICULUM-VITAE

PERSONAL – DETAILS

Name: **Al-Dahoud Ali (ALI AS'AD AHMAD AL-DAHOUD)**

Full Professor, Senior IEEE, ACM, MIAENG, SMASDF



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EDUCATION:

Ph.D. IN ENGINEERING SCIENCES, National Technical University of Ukraine 1996.

B. Sc ENGINEER OF ORGANIZATION

(COMPUTER), BELGRADE, YUGOSLAVIA, 1986.

Tawjihi 79/80 Ramtha.

Thesis Title: **Dynamic Load Balancing in a Distributed System.**

FIELDS OF INTEREST:

Distributed Systems (Communication), Algorithms and E-Systems

Position: Dean of Student Affairs, Director of Foreign Relation Office, staff member of Science and IT faculty, Al-Zaytoonah University

PUBLESHEH PAPERS:

1. "الخوارزمية المدير" لعملية توزيع العبء الديناميكية على أجهزة الحاسوب الموزعة، الأسبوع التاسع والثلاثين للباحثين والعلماء، دمشق، سوريا، 6-11/11/1999.
2. - "استراتيجية تسيير ديناميكية في أنظمة الاتصالات غير المتزامنة"، اسبوع العلم الأربعين، 16 المجلس الأعلى للعلوم، اللاذقية، سوريا، 4-9/11/2000.
3. A Dynamic Cluster Constructor for Load Balancing in Big Heterogeneous Distributed Systems, #115, 2001 Symposium on Performance Evaluation of Computer and Telecommunication Systems, July 15-19,2001, Orlando, Florida, USA.
4. A Dynamic Rotating Load Balancing Strategy in Distributed Systems, International Conference on Soft Computing MENDEL 2003, Brno, Czech Republic, June 4-6, 2003.
5. A Hybrid Heuristic Algorithm for Solving the P-Median Problem, Journal of Computer Science (Special Issue): 80-83, 2005, ISSN 1549-3636.
6. A MODIFIED TECHNIQUE FOR LOW RMSE MULTIFOCUS IMAGE FUSION, UBICC; special Issue in Bioinformatics and Image Processing, July, 2009.
Dheeraj Agrawal, Dr Ali Al-Dahoud, Dr.J.Singhai
7. A New Load Balancer for Heterogeneous Distributed Systems, مجلة كلية المأمون الجامعة، العدد الثاني 2000، بغداد، جمهورية العراق
8. A New Model for Multi-agent Case-base Reasoning Systems, Journal of Computer Science (Special Issue): 96-98, 2005, ISSN 1549-3636.
9. A New Policy for Enhancing the Performance of LANs that Uses CSMA/CD Protocol, 5th WSEAS / IASME International Conference on SYSTEMS THEORY and SCIENTIFIC COMPUTATION, Malta, 17-19/9/2005.

10.	A New Policy for Improving the Performance of the Slotted Persistent CSMA/CD Protocol, 5th WSEAS / IASME International Conference on Systems Theory and Scientific Computation, Malta, 15-17/9/2005.
11.	A practical approach using AOR-modeling and a XML-based implementation framework, ICTTA08, Syria, April 7 - 11, 2008.
12.	A Robust Load Balancer for Heterogeneous Distributed Systems Type-a, #T149, 2000 Symposium on Performance Evaluation of Computer and Telecommunication Systems, SPECTS'2K, July 16-20,2000, Vancouver, British Colombia, Canada.
13.	A Scalable Load Balancing Strategy with an ATM Network Backbone, Tishreen University Journal for Studies and Scientific Research, Lattakia, Syria, 1/2003.
14.	A Simulation Tool for Testing ATM Resource allocation Strategies, Journal of Institute of Mathematics & Computer Sciences, Kolkata, India,12/2002.
15.	A Token Passing Algorithm for Dynamic Load Balancing in Distributed Systems, N. 912-ук 96 GNYB, Ukraine 8.4.1996. "Алгоритмы эстафетной передачи для динамического выравнивания нагрузки распределенной системы // Деп. в ГНТБ Украины 08.04.96. № 912-Ук 96.
16.	A Transformation Approach of Mobile Activity Diagram Towards Nested Petri Net, ICIT11, Amman, Jordan, May 11-13, 2011. Guerrouf Faycal, Allaoua Chaoui, Al-Dahoud Ali
17.	ADVANCES IN INFORMATION TECHNOLOGY "From Artificial Reality to Virtual Reality", http://www.ubicc.org/news_detail.aspx?id=34 ISBN-13: 978-1466396531, Ali, UBICC Publisher, Canada, 2011. Al-Dahoud Ali,
18.	An Adaptive Source, Server-initiative Algorithm for Dynamic Load Balancing in Distributed System, #240-067,IASTD, International Conference on Networks, Orlando, Florida, USA, 8-10, January 96.
19.	An Advanced Approach for improving the Performance of CSMA/CD LANS, WSEAS Transactions on Communications, Issue 1, Volume 5, January 2006.
20.	An Approach For: Improving Voice Command processor Based On Better Features and Classifiers Selection, ACIT 2012, 10-12-DEC-2012 ISSN 1812-0857 Mohamed FEZARI, Ali Al-Dahoud
21.	An Approach to the Specification of User Interface Templates for Business Applications, 5th Balkan Conference in Informatics (BCI) 2012, Sep 16, 2012, 09:00 AM TO Sep 20, 2012.
22.	An Overview of the Approaches for A PLM Application's Customization, XV International Scientific Conference on Industrial Systems (IS'11(Novi Sad, Serbia, September 14. – 16. 2011.
23.	Application of Genetic Algorithm in Solving Linear Equation Systems, MASAUM Journal of Basic and Applied Science, p: 179-185 Vol.1, No.2 September 2009. Al Dahoud Ali , Ibrahiem M. M. El Emary, and Mona M. Abd El-Kareem
24.	Applying Semantic Web & User Behavior Analysis to Enforce the Intrusion Detection System. ICITST-2009, UK: "http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5402616

	Yi-Tung F. Chan ¹ , Charles A. Shoniregun ² , Galyna A. Akmayeva, Ali Al-Dahoud ³
25.	Bridging the gap between Modeling of Mobile Agent-based Systems and Semantic Web using Meta-modeling and Graph Grammars. ICIT 15, May 2015, Amman. Jordan Aissam Belghiat, Allaoua Chaoui, Ali Aldahoud
26.	Computational Intelligence & Modern Heuristics, IN-TECH, ISBN 978-953-7619-28-2, Hard cover, 348 pages, http://intechweb.org/ , 2009, Austria. Al-Dahoud Ali
27.	Computer skills and Packages 2003, "المهارات الحاسوبية الأساسية والبرمجيات الجاهزة، دار الشروق للنشر والتوزيع 2003"
28.	Data Redistributing in Distributed Computing Systems, ICENCO 2004, IEEE Egypt Section, 27-30/12/2004, Cairo, EGYPT.
29.	Dependability Aspect of e-Learning Systems, DepCos – RELCOMEX'08, Szklarska Poreba, Poland, 26-28.06.2008. Al-Dahoud Ali, Tomasz Walkowiak, Marek Woda
30.	Dependable e-learning systems, 2009, Book Chapter: "E-learning", ISBN 978-953-7619-23-7, intechweb.org
31.	Design of Randomization algorithms for the Sparse Travelling Salesman, UbiCC Journal - Volume 4 Number 5, publishing Date: 12/26/2009, ISSN Online 1992-8424, ISSN Print 1994-4608 Dr. Fred Mtenzi, Dr. Ali Al-Dahoud
32.	Developing Software Agents using Enterprise JavaBeans, 5th Balkan Conference in Informatics (BCI) 2012, Sep 16, 2012, 09:00 AM TO Sep 20, 2012.
33.	Distress Situation Detection Based Data Fusion Analysis for HSH, Recent Advances in Electrical Engineering and Computer Science, europment.org 2014 Mohamed Fezari, Leila Abdoune, Ali Al-Dahoud
34.	Dynamic Load Balancing with Token-Passing in a Distributed Systems, 1998 IEEE, International Conference on Systems, Man, and Cybernetics, USA, CAL, 11-14/10/98.
35.	Dynamic Near Shortest Path (Dnsp) Routing Algorithm, Asmta'04 11th International Conference on Analytical and Stochastic Modeling Techniques and Applications, June 13th-16th, 2004, Magdeburg, Germany.
36.	Dynamic Rotating Load Balancing Algorithm in Distributed Systems, ICITNS 2003, Al-Zaytoonah University, 19-21/Octobar 2003, Jordan.
37.	Easy Way to Learn Robotic Using Microcontrollers, Proceedings of the 2014 International Conference on Circuits, Systems and Control Mohamed FEZARI, Ali Al-Dahoud
38.	Embedded Multiprocessors Vocal Command system, a way to Improve the Tele-Control of a didactic Manipulator Arm, ICIT11, Amman, Jordan, May 11-13, 2011. Mohamed Fezari, Hamza Atoui , Ali Al-Dahoud.
39.	Enhanced Feature-Based Automatic Text Summarization System Using Supervised Technique, INTERNATIONAL JOURNAL OF COMPUTERS & TECHNOLOGY, Vol 15, No 5, 2016 Madhi Ahmed Ali, Ali A. Al-Dahoud, Bilal H. Hawashin

40.	Fast Algorithms for Outlier Detection, JCS, Volume 4, number 2, pg:129-132, 2008, FAWAZ A. M. MASOUD, MOH'D BELAL AL- ZOUBI, IMAD SALAH, Al-Dahoud Ali
41.	Fuzzy Clustering-Based Approach for Outlier Detection, ACE'10, the 9th WSEAS International Conference on APPLICATIONS OF COMPUTER ENGINEERING, Penang. Malaysia, March 23-25, 2010 Moh'd Belal Al-Zoubi, Al-Dahoud Ali, Abdelfatah A. Yahya
42.	Implementation of a Tele-operating High Level Communication System to Control a Colony of Robots, WSEAS Transaction on Computers. 2010, Al-Dahoud Ali, Mohamed Fezari, Attoui Hamza
43.	Implementation of a Tele-operating High Level Communication System to Control a Colony of Robots, ACE'10, the 9th WSEAS International Conference on APPLICATIONS OF COMPUTER ENGINEERING, Penang. Malaysia, March 23-25, 2010 Al-Dahoud Ali, Mohamed Fezari, Attoui Hamza
44.	Improving Monitoring and Fault Detection of Solar Panels Using Arduino Mega in WSN, London United Kingdom Mar 14-15, 2015, 13 (3) Part VII
45.	Integrating Disjoint and Coherent Components with AOSD Based Framework, ICITNS 2003, Al-Zaytoonah University, 19-21/Octobar 2003, Jordan.
46.	Intelligent Communication System, Book, ISBN 9973-0-012759-0 www.ubicc.org, 2011, Canada. Al-Dahoud Ali, Walid A. Salameh, Linda Smail.
47.	Investigating Issues in Wireless Technologies in Emerging Economies Focusing on Middle Eastern Countries, IEEE CCSIE 2011, http://ccsie.org/ Ali Alao Babatunde, Ali Al-Dahoud, Maaruf Ali, Oxford Brookes University
48.	Load Balancing of Distributed Systems based on Multiple Ant Colonies Optimization, AJAS, American Journal of Applied Sciences, http://thescipub.com/PDF/ajassp.2010.428.433.pdf Al-Dahoud Ali, Mohamed A. Belal and Moh'd Belal Al- Zoubi
49.	Loss Packet and Error Concealment of VoIP over DSL Networks, International Conference on ICT and Accessibility (ICTA 09), 7-9 May 2009, Hammamet, Tunisia. Al-Dahoud Ali, Ibrahiem M. M. El Emary and Ala'a Al Zo'bi.
50.	Modeling Access Control with Dynamic Role Binding, Book Chapter: Pages: 61-74, Computational Intelligence & Modern Heuristics, ISBN 978-953-7619-28-2, 2009 Al-Dahoud Ali and Dr.K.Chitra
51.	Modified Curvelet Thresholding Algorithm for Image Denoising, Journal of Computer Science JCS, Al-Dahoud Ali, Preety D. Swami and J. Singhai
52.	Multiclass SVM/HMM Vowels Recognition System Towards Improving Human Computer Interaction, DEPCOS, june 2016 Ali Al-Dahoud, mohamed Fezari, wassila Abadi, Thamer Al-Rawashdeh
53.	Multiple Ant Colonies Optimization for Load Balancing in Distributed Systems, ICTA'7, April 12-14, 2007, Hammamet, Tunisia

54.	New approach to e-lecturing, IJITST journal, 2009 Wojciech Zamojski, Tomasz Walkowiak, Robert Adamiec, Al-Dahoud Ali.
55.	New Outlier Detection Method Based on Fuzzy Clustering, WSEAS Transaction on Information, 2010 Moh'd Belal Al-Zoubi, Ali Al-Dahoud, Abdelfatah A. Yahya
56.	New Strategies for Scheduling Tasks in Field Bus Systems, 9th WSEAS International Conference on COMMUNICATIONS, Athens, Greece, July 14- 16, 2005.
57.	New Strategies for Scheduling Tasks in Field BusSystems", WSEAS Transactions on Communications Issue 12, Volume 4, December 2005.
58.	On the Connectivity Conditions in a Parallel Heterogeneous Systems, # 02- 08-13, 2001 International Arab Conference on Information Technology (ACIT 2001), Jordan University of Science and Technology, Jordan, November 13-15, 2001.
59.	Partitions Redistribution in Distributed Databases Based on Creative Evolutionary System Approach, WSEAS Transactions on Computers, Issue 5, Volume 5, ISSN 1109-2750, May 2006.
60.	Personalising the Dynamic Information Resources in a Self Organized Web System Using Cas And Mas, ComSIS, 2010, http://www.comsis.org/Articles.htm RATTROUT Amjad, ASSAF Rasha, AL-DAHOUD Ali
61.	Ramtha: A manager algorithm for Dynamic Load balancing for Distributed Systems). Ramtha: Управляющий алгоритм динамического выравнивания нагрузки распределенной системы // Деп. в ГНТБ Украины 08.04.96. № 911-Ук 96.
62.	Remote Monitoring System Using WSN for Solar Power Panels, UKSim- AMSS 1st International Conference on Systems Informatics, Modelling and Simulation Sheffield, United Kingdom, 29 April - 1 May 2014 Ali Al-Dahoud, Mohamed Fezari, and Fatma Zohra Belhouchet
63.	Robust Automatic Speech recognition System Implemented in a Hybrid Design DSP-FPGA, International Journal of Signal Processing, Image Processing and Pattern Recognition Vol.6, No.5 (2013), pp.333-342 Ali Aldahoud , Hamza Atoui and Mohamed Fezari
64.	Semantic Analysis: An Approach to Improve Spotted Words Recognition System, Computers, Automatic Control, Signal Processing and Systems Science, ISBN: 978-1-61804-233-0, http://www.inase.org/library/2014/prague/SCSI.pdf Mohamed FEZARI, Ali Al-Dahoud
65.	Simulation of the Distributed Database Performance in Real-Time Environment with Load Sharing, Damascus University, Journal for Engineering Sciences, Syria, "P220".
66.	Smart Server Model for Weakly Connected Environments, DepCoS - RELCOMEX 2011, Poland, June 26- July 1, 2011. Ali Al-Dahoud, K. Chitra
67.	Solving Min-Max Problems Using Genetic Algorithm, UNIVERSITY OF PITESTI – ELECTRONICS AND COMPUTERS SCIENCE, SCIENTIFIC BULLETIN, No. 9, Vol.2, 2009 Ibrahiem M. M. EL EMARY, Al Dahoud ALI, Mona M. Abd EL-KAREEM

68.	The Jordanian eGovernment Initiatives within the Context of the Socio-technical Model, ICIT11, Amman, Jordan, May 11-13, 2011. Al-Dahuod Ali, Rashid Jayousi, Luis Javier García Villalba and Cláudia Jacy Barenco Abbas.
69.	The MIT Beer Game As Multiagent Simulation: A Practical Approach Using AOR-Modeling And A XML-Based Implementation Framework, IJTST Journal, 2009 Al-Dahoud Ali, Michal Wosko.
70.	The Prospects and Barriers of E-Commerce Implementation in Tanzania, ICIT11, Amman, Jordan, May 11-13, 2011. George S. Orey, Fredrick J. Mtenzi, Al-Dahoud Ali
71.	Traffic Flows Classification through Packet Detection for Security, 3rd International Conference for Internet Technology and Secured Transaction, June 23-28, 2008, Duplin, Ireland (www.icitst.org).
72.	UML Activity Diagrams and Maude Integrated Modeling and Analysis Approach using Graph Transformation, ICIT 15, May 2015, Amman. Jordan Elhillali Kerkouche, Khaled Khalfaoui, Allaoua Chaoui, Ali Aldahoud
73.	Video Fingerprinting Using AED of CGO Based Signatures, 2012 IEEE International Conference on Computer Science and Automation Engineering (CSAE 2012). Zhangjiajie, China; May 25-27, 2012. Ali Al-Dahoud, Rakesh Singhai, Pramendra Kumar, and Jyoti Singhai
74.	Video games: Algeria 11. 2016
75.	Voice command system based on pipelining classifiers GMM-HMM, IEEE Conference Publications, International Conference on Information Technology and e-Services (ICITeS), 2012 Fezari, M.; Boumaza, M.S.; Aldahoud, A
76.	WSN for AIR quality Monitoring in Annaba City, ICIT 15, May 2015, Amman. Jordan Mohamed FEZARI, Ali Al-DAHOUD and Mohamed Seghir BOUMAZA
77.	Enhanced Feature-Based Automatic Text Summarization System Using Supervised Technique , INTERNATIONAL JOURNAL OF COMPUTERS & TECHNOLOGY, Vol 15, No 5, 2016 Madhi Ahmed Ali, Ali A. Al-Dahoud, Bilal H. Hawashin
78.	Multiclass SVM/HMM Vowels Recognition System Towards Improving Human Computer Interaction, book chapter, Springer Dependability Engineering and Complex Systems, Volume 470 of the series Advances in Intelligent Systems and Computing pp 1-11, Print ISBN 978-3-319-39638-5, 2016 Ali Al-Dahoud, mohamed Fezari, wassila Abadi, Thamer Al-Rawashdeh
79.	Remote Monitoring System for Solar Power Panels using Intelligent Sensors Network, 24th Telecommunications forum TELFOR 2016 Serbia, Belgrade, November 22-23, 2016 Ali Al-DAHOUD; SMIEEE, Thamer Al-RAWASHDEH, Mohamed FEZARI, F. Zohra BELHOUCHE
80.	Extracting Named Entities Using Named Entity Recognizer for Arabic News Articles, INTERNATIONAL JOURNAL OF ADVANCED STUDIES IN COMPUTER SCIENCE AND ENGINEERING IJASCSE VOLUME 5 ISSUE 11, 2016

	Tarek Kanan, Raed Kanaan, Omar Al-Dabbas, Ghassan Kanaan, Ali Al-Dahoud.
81.	An Improved Solar Low Energy Adaptive Clustering Hierarchy (IS-LEACH) Technique, International Journal of Communication Networks and Information Security (IJCNIS) Vol. 8, No. 3, December 2016 Khalid M. Al-Smoul, Thamer A. Al-Rawashdeh, Ali A. Al-Dahoud

Proceedings:

-Editor of ICITNS proceedings 2003, ICIT proceedings 2005, 2007, 2009.

Other Activities:

Project Coordination:

- Project Coordinator of the Tailor-made Training 2007, sponsored by the Netherlands.
- Project Coordinator of the "On-Line Learning & Learning in an Integrated Virtual Environment" 2008, sponsored by the Netherlands.
- Mediterranean coordinator for MODELING A SECURE E-GOVERNMENT SYSTEM IN JORDAN Project, sponsored by Spanish Agency for International Development Cooperation.

Keynote Speaker: Fourth International Conference on Intelligent Computing and Information Systems: Recent Trends in Bioinformatics,
http://icicis.edu.eg/view_title.aspx , 19-22, March, 2009, Ain Shams University Cairo, Egypt.

Conference organization:

- General Chair of (ICITST-2008), June 23–28, 2008, Dublin, Ireland (www.icitst.org)
- General Chair, IEEE Conference on Communication, Science & Information Engineering CCSIE 2011, London, UK, <http://www.ccsie.org/index.htm>
- International Chair: (ICITST-2010); the 5th International Conference for Internet Technology and Secured Transactions, November 8-11, 2010, London, UK, <http://www.icitst.org/Program%20Committees.html>
- International Co-Chair, International Conference on Information Society (i-Society 2011), London, <http://www.i-society.eu/Program%20Committees.html>.
- Program Chair of ICITNS 2003, ICIT 2005, 2007, 2009,2011
- Program committee: DepCos 06,09,11, Poland. ICTA'07, Tunisia, MISC2012, Algeria
- Technical committee of ACITs: 2001(Jordan), 2002(Algeria), 2003(Egypt), 2004(Qatar), 2005(Jordan).

- National Organizing Committee, IMCL 2006, 19-21/4/2006, Jordan.
- Session Organizer, WSEAS; ACOS'06, China.
- International Program Committee IMCL 2009, April/2009 Jordan.
- Publicity Committee: AICCSA 2009, May 10-13, Rabat, Morocco.
- International Program Committee DepCos 09, Poland.

Journals Activities:

- Editor in chief of the special issue of the Journal of Digital Information Management, Volume 3 Number 3 September 2005 155.
- Editor in chief of the special issue of the Journal of Digital Information Management, Volume 3 Number 4, December 2005.
- Reviewer in the International Arab Journal of Information Technology, IAJIT.
- Editorial Board of the Journal of Computer Science (Special Issue): 96-98, 2005, ISSN 1549-3636.
- Editor in chief of the special issue of the Journal of Computer Science 12/2006, www.scipub.org/ special issue, USA.
- Guest Editor in the Int. J. Internet Technology and Secured Transactions, 2008, GB,
<http://www.inderscience.com/browse/index.php?journalID=190&year=2009&vol=1&issue=3/4>
- Guest Editor UBICC Web and Agent System, 2009.
- Guest Editor UBICC Applied Computing, 2009.

<http://www.scribd.com/doc/24121857/Special-Issue-on-ICIT-2009-Conference-%E2%80%93-Applied-Computing-UbiCC-Journal-UbiCC-Journal-www-ubicc-org-Ubiquitous-Computing-and-Communication-Journ>

- Guest Editor UBICC Bioinformatics and Image Processing, 2009.
- Guest Editor UBICC, 2011, http://www.ubicc.org/journal_detail.aspx?id=51
- General Chair ICIT 2013, JORDAN
- General Chair ICIT 2015, JORDAN

Committees:

- Vice President of the IT committee in the ministry of youth/Jordan, 2005, 2006.

- Scientific and conference committee of IT Faculty/Al-Zaytoonah University.

TEACHING:

1- Undergraduate Courses:

Introduction to computer, Logic Design, Computer Organization & Assembly Language programming, System Programming, Operating Systems, Design of Programming Languages, Distributed systems.

2- Graduated Courses:

Advance Operating Systems, Advance Algorithms, scientific research

3- Supervising/ External Examiner Master and PhD Degree in:

- Damascus University, Syria
- AL eL-Bayt University, Jordan.
- El-Naleen University, Sudan
- National Institute of Technology, India
- Tashreen University, Syria
- Jordan University, Jordan