

**Dr. Ahmad H. AL-Omari**  
**CURRICULUM VITAE**  
 (Last Updated: April., 2022)



Academic Rank	Associate Professor of Cyber Security since 2011						
ADDRESS	Faculty of Science, Computer Science Dept, Nothern Border University, P.O.Box: 1321, Arar 91431, Kingdom of Saudi Arabia <b>Cell-Phone:</b> +966 543 133 728 <b>E-mail:</b> <a href="mailto:kefia@yahoo.com">kefia@yahoo.com</a> <a href="mailto:Ahmed.alomari@nbu.edu.sa">Ahmed.alomari@nbu.edu.sa</a>						
PERSONAL DATA	<b>Born:</b> January 30, 1963; <b>Place:</b> Irbid, Jordan <b>Nationality:</b> Jordanian						
EDUCATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">B.S.</td> <td>Computer Science, Yarmouk University, Irbid, Jordan, 1985</td> </tr> <tr> <td>M.Sc.</td> <td>Computer Science, University of Jordan, Amman, Jordan, 2001</td> </tr> <tr> <td>Ph.D.</td> <td>Computer Information Systems, thesis, Amal <b>Authentication Architectural Model 3AM</b>; for <b>Secure Information Exchange</b></td> </tr> </table>	B.S.	Computer Science, Yarmouk University, Irbid, Jordan, 1985	M.Sc.	Computer Science, University of Jordan, Amman, Jordan, 2001	Ph.D.	Computer Information Systems, thesis, Amal <b>Authentication Architectural Model 3AM</b> ; for <b>Secure Information Exchange</b>
B.S.	Computer Science, Yarmouk University, Irbid, Jordan, 1985						
M.Sc.	Computer Science, University of Jordan, Amman, Jordan, 2001						
Ph.D.	Computer Information Systems, thesis, Amal <b>Authentication Architectural Model 3AM</b> ; for <b>Secure Information Exchange</b>						
JOB HISTORY	<ul style="list-style-type: none"> <li>• 21-Now: Vice Dean, Deanship of Information Technology, Nothern Border University, Arar, KSA</li> <li>• 15-21: Associate Professor, Computer Science Dept. Nothern Border University, Arar, KSA</li> <li>• 10-15: Associate Professor, Computer Networks Systems Dept., Applied Scince University, Amman, Jordan</li> <li>• 09-10: Dean of Faculty of Information Technology, Applied Science University, Amman, Jordan</li> <li>• 07-09: Head of Computer Networks Systems Dept., Applied Science University, Amman, Jordan</li> <li>• 05-09: Assistant Dean, Faculty of Information Technology, Applied Science University</li> <li>• 05-07: Head of Computer Information Systems Dept., Applied Science University</li> <li>• 01-03: E.Government Projects Manager, MOI, Amman, Jordan</li> <li>• 01-03: Assistant Director of the Communication and Computer Dept. MOI, Amman, Jordan</li> <li>• 00-01: Database Administrator DBA, United Nations, force keeping mission to Bosnia, Sarajevo</li> <li>• 00-00: Head of Software Engineering and Systems Development division, MOI, Amman, Jordan</li> <li>• 97-00: Head of Computer Division, Royal Academy, MOI, Amman, Jordan</li> <li>• 97-97: Chief Architect of the Parliamentary Elections System, Ministry of Interior, Amman, Jordan</li> <li>• 95-97: Project Manager and Chief Architect of the Finger Prints System, Dept. of Criminal Investigations, MOI, Amman, Jordan</li> <li>• 93-95: Head of Software Development Division, MOI, Amman, Jordan</li> <li>• 90-93: Chief Architect of the Criminal Investigations and the Interpol Systems, MOI, Amman, Jordan</li> <li>• 88-90: Chief Architect of the Payroll and Accounting Systems, MoI, Amman, Jordan.</li> <li>• 85-88: Chief of the Personnel System, Ministry of Interior (MoI),</li> </ul>						

	Amman, Jordan
Part Time teaching	<ul style="list-style-type: none"> <li>• The University of Jordan, Amman-Jordan, since 2003 till now</li> <li>• Arab Academy for Banking and Financial Sciences AABFS, Amman-Jordan, 2005, 2006 and 2007</li> <li>• Depaul University Chicago, Jordan Campus, 2008, 2009</li> <li>• Arab International University AIU, Syria, Damascus, 2010-2013</li> </ul> General Manager, WiKi Clouds Academy, Amman Jordan, 2013, 2014
Specilization	<ul style="list-style-type: none"> <li>• Computer Information Systems, (Accredited to teach Computer Networks)</li> </ul>
Teaching Experience	<p><b>Undergraduate Courses:</b> Digital Forensics, Penetration Testing, Ethical Hacking Introduction to Data Communication and Computer Networks, Computer Networks, Advanced Internet Protocols, Networks Planning and Management, Network Security, Information Security, .Net Programming, Operating Systems, Distributed Systems, Systems Analysis and Design, Artificial Intelligence, Ethical Hacking, Programming Fundamentals, Network Lab, Computer Ethics and Advanced Computer Networks.</p> <p><b>Graduate Courses:</b> Networks Protocols and Techniques, Advanced Networks Security, Advanced Networks, Encryption and Information Security. Network Security, Digital Forensics</p>
RESEARCH INTERESTS	Encryption, Mobile Ad Hoc Networks MANET, E.Government, Wireless Networks and Image processing

#### **GRADUATE STUDENT SUPERVISION (master students)**

Student Name	Thesis Title
Abeer Al Omari	Investigating A Dynamic Crypto Algorithm for Real-Time Applications (DCA-RTA), The University of Jordan, Amman-Jordan; (Co-supervisor), 2012
Mustafa Al Qaysi	Shared Value Based Symmetric Crypto System, Princess Sumaya University for Technology (PSUT), Amman Jordan, Co-Supervisor, 2014

#### **MEMBERSHIP OF UNIVERSITY COMMITTEES**

- Digital Transformation committee 2021-Now
- Exit exam, 2019-Now
- Quality Assurance, 2011-2012
- Curriculum committee, 2014-2015, 2017-2020
- Curriculum Committee, 2005/2006, 2006/2007, 2007/2008 and 2008/2009, 2016-2020.
- Faculty Hiring and Promotion, 2007/2008 and 2008/2009, 2016-2020
- Accreditation, 2006/2007, 2007/2008 and 2008/2009.
- Degree Plan, 2005/2006, 2006/2007, 2007/2008 and 2008/2009, 2016-2020
- University Council, 2005/2006, 2006/2007, 2007/2008 and 2008/2009.
- Competency Test, 2006/2007, 2007/2008 and 2008/2009, 2018-2020.
- Student Behavior, 2005/2006, 2006/2007 and 2007/2008.
- Course Schedule, 2005/2006, 2006/2007, 2007/2008 and 2008/2009
- Field Training, 2007/2008.
- Deans Council, 2009/2010
- Examination Scheduling Committee, 2012-2013
- Students investigations 2013-2014

#### **SEMINAR PRESENTATIONS**

- Digital Transformation, Northern Border University, KSA, 2021

- Cyber Security practices, Northern Border University, KSA, 2021
- Privacy and Security in the Cyberspace, Northern Border University, KSA, 2020
- Cellular telephones and Satellite communication, Northern Border University, KSA, 2019
- Blockchain and Cryptocurrency, Jordan Association Engineering, Jordan, 2019
- Blockchain and Cryptocurrency, Northern Border University, KSA, 2018
- VoIP, Northern Border University, KSA, 2018
- Privacy in Cyberspace, Northern Border University, KSA, 2017
- Social Networks, Ministry of health, Arar, KSA, 2016
- Internet of Things IoT, Northern Border University, KSA, 2015
- Preparing students to exams, October 2014m the University of Jordan
- Preparing students to exams, October 2014, ASU-Jordan
- Network Security, future trends, Jordan Engineering Association, October 2014, Amman-Jordan
- Networks Planning and Design, September 2013, ASU, Amman-Jordan
- Why .Net, Microsoft Academic Days, Technical seminar presentation, Tunisia, Feb, 28<sup>th</sup> 2007.

## **OTHER ACTIVITIES**

- **Jordan Accreditation council**
  - Participated in the formal accreditation committee to evaluate the fulfillment of Al-Zaytona University to expand the Networks Systems Department capacity, 2014.
- **Books Evaluation**
  - Computer Skills, text book for Preparatory Deanship, Northern Border University, 2019
  - Khalil Al-Hindi and Wesam Al-Mobaideen, (2007), Network Management and Security, text book prepared to Al-Quds Open University
- **Master Graduate Students Supervising and co-supervising**
  - Abeer Al-Omari, (2012), INVESTIGATING A DYNAMIC CRYPTO ALGORITHM FOR REAL TIME APPLICATIONS (DCA-RTA), University of Jordan.
  - Mustafa Al-Qisi, (2014), A Shared Value Based Symmetric Crypto System (SVSCS), Princes Sumaya University for Technology, Amman -Jordan.
- **Master Graduate Students Thesis Discussion**
  - Amenah Qousini, (2014), Role-Based Access Control Model for Privacy Preservation in Cloud Computing Environment, University of Jordan.
  - Muhahhad Adnan Jassim, (2011), A Multi-Function Energy-Efficient System Model for Location-Aware Wireless Sensor Networks, University of Jordan.
  - Thaer Ali Kobbaey, (2011), Modified Contention Window Mechanism for IEEE802.11 Distributed Coordination Function, University of Jordan.
  - Raed Mahmmod Al Dummor, (2010), Performance Evaluation of Blocking Methods for Duplicate Record Detection, Middle East University, Amman, Jordan
  - Shatha Alasir, (2009), Discovering the most stable nodes in Mobile Ad Hoc Networks, master thesis, University of Jordan
  - Nidda AlOmari, (2009), Efficient Iris Recognition using Reduced Iris Code Method, master thesis, University of Jordan

- Jamal Abu-Hassan, (2007), Matrix containments using Boiermore algorithm, master thesis, University of Jordan
- Raghad Al-Tarawneh, (2007), Using Genetic Solution for MANET Mobility Based Clustering, ,master thesis, University of Jordan
- Saleem Masa'deh, (2006), Message Authentication and Compression, master thesis, Jordan University for Science and Technology JUST
- **Journals Editorial Board member and Refree**
  - Acted as editorial board member for the following journals:
    - Editorial Board member, Engineering and Applied Sciences, Science Publishing Group, (2020) USA, <http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=108>
    - Editorial Board member in the (IJJ) : The Research Bulletin of Jordan ACM – ISWSA, ISSN: 2078-7952 (print); 2078-7960 (online), (2008), Jordan, <http://ijj.acm.org/editorial.html>
  - Acted as a referee for the following journals:
    - Reviwer, International Journal of Automation and Computing, UK, (2009) <http://www.ijac.net>, Institute of Automation, the Chinese Academy of Sciences and Chinese Automation and Computing Society in the United Kingdom.
    - Reviwer, Elsevier, Journal of Computer and System Sciences, USA (2007) <http://ees.elsevier.com>
    - Reviwer, “ABHATH AL-YARMOUK JOURNAL, Pure Science and Engineering Series”, Yarmouk University, Jordan (2008)
- **Technical experience:** I Participated in designing and building plenty of large to medium size software projects like:
  - **Software Design and Developments, I have participated in design, analysis, test and administer the following software applications (packages), some of them are** (Command Communication and Control System C3I for Jordan, Personnel, Enrolment, Payroll, Accounting system, and more...)
  - **Consultancy, I have worked as IT consultant for the following tasks.**
    1. Building the Secure Government Network SGN, as part of the e.Government fast track projects project, the SGN include (MOI, ministry of Interior, Ministry of Tourism, Ministry of Labor forces, Ministry of Exterior affairs, Dept. of statistics and Dept. of passports and Social affairs)
    2. Building the MOI enterprise network
    3. Upgradeing the MOI hardware and software infrastructures
    4. Build secure parliamentary elections automation system
    5. Evaluating different systems analysis documentations and requirements
    6. Write computer business rules for the computer Dept.
    7. Write and validate the security policy for the MOI Directorate
  - **Contracting and evaluating contracts**
    1. Writing request for proposal RFPs to upgrade and build the MOI networks and hardware platforms
    2. Writing RFPs to upgrade the MOI applications
    3. Evaluating hardware and software biddings
    4. Negotiating with suppliers and dealers to buy different hardware and software components
  - **Training Courses, I attended the following training courses as trainee**

1. Fiber Optics, installation, designing, splicing, troubleshooting and maintenance, 2014
2. Android 4.4.2 basic course, 2014
3. VMware, client basic operations, 2012
4. Teachers Rehabilitation, Applied Science University, 2004, Amman, Jordan
5. Writing and Evaluating RFP's, MoICT, 2003, Amman, Jordan
6. Configuring and setting E.Government security requirements and PKI, MOI, 2003, Amman, Jordan
7. E-Government Project Management, MoICT, 2003, Amman, Jordan
8. Information Systems Security Management, 2003, Executrain, Amman, Jordan
9. E.Government Project Management, MoICT, 2002, Amman, Jordan
10. V-Sat settings and support, 2001, UN, Sarajevo, Bosnia
11. Lotus Notes setting and programming, 2000, UN, Sarajevo, Bosnia
12. Advanced Security training course, 1998, Amman, Jordan
13. NT configuration management and support , 1997, CCS, Amman, Jordan
14. Oracle DBA, Forms, Reports, and Designer-2000, 1997, UBM, Amman, Jordan
15. AIX-Unix management ,1997, UBM, Amman, Jordan
16. CNL Finger Prints, Image Processing, 1996, Cambridge, UK
17. Face Recognition systems, 1996, Cambridge, UK
18. Novell-Networks management and support 4.1, 1996, London, UK
19. Setting and Configuring LANs, 1996, London, UK
20. Advanced Visual Basic Programming, 1996, CCS, Amman, Jordan
21. Novell-Networks3.0, 1995, InfoTech, Amman, Jordan
22. Unix operation and maintenance, 1995, CompuTeach, Amman, Jordan
23. VMS operation and support , 1994, MOI, Amman, Jordan
24. Setting and Configuring LANs, and PC's, 1993, Singapore
25. PC Trouble shooting and Maintenance, 1992, Amman, Jordan
26. CDS/ICS MINICES Library Systems, 1991, Amman , Jordan
27. C Language Programming, 1991, Amman, Jordan
28. Advanced English Language, 1989, Eastbourne, UK
29. Interactive Cobol Programming, 1989, the University of Jordan JU, Amman, Jordan
30. Managing DBMS, 1989, Royal Scientific Society RSS, Jordan
31. Data General operation and support, 1988, MOI, Amman, Jordan
32. Cobol, reports, menus and maintenance ,1986, Comcent, Amman, Jordan

**PROFESSIONAL AND SCIENTIFIC MEETINGS (CONFERENCES, CONVENTIONS, SYMPOSIA AND TRAINING COURSES) (Last ten years)**

- **Seminars, I participated in the following seminars**
  1. Crimes as a result of the technology development, November, 1998, Amman, Jordan
  2. Money Laundry and its effect on the national economy, July, 1998, Amman, Jordan
  3. The Seventh Jordanian Science Week; science and technology: A means for investment incentives and sustainability, Sep, 2001 Amman, Jordan
  4. C3I for MOI Business Case Gartner Symposium IT-Expo, Oct, 2002, Orlando, USA
  5. International Conference on Tele-computing and Information Technology ICTIT, Sep, 2003, Building National Data Center, with co-operation of Intel Corp. and MoICT, Amman, Jordan Feb,2003
- **Training courses, I gave the following training courses as trainer**
  1. Work as computer applications trainee to train police officers, specially on Ms-Office applications

2. Train police officers on different MOI applications, specially the C3I.
3. Perform systems analysis and design courses
4. Perform programming courses
5. Perform employees hiring and selections tests
6. Firewall configuration
7. Secure Internet connection
8. Security awarness program

## PUBLICATIONS

### Research PAPERS

#### Journal Papers

1. Bassam A. Y. Alqaralleh, Fahad Aldhaban, Esam A. AlQarallehs and **Ahmad H. Al-Omari**, "Optimal Machine Learning Enabled Intrusion Detection in Cyber-Physical System Environment", CMC Computers, Materials & Continua, Vol.xx, No.x, MAr, 2022, pp.xx-xx, doi:10.32604/cmc.2022.024367, ISSN: 1546-2218/ 1546-2226, USA (Accepted for publications)
2. Tamer AbuKhalil, Bassam A. Y. Alqaralleh, and **Ahmad H. Al-Omari**, "Optimal Deep Learning Based Inception Model for Cervical Cancer Diagnosis", CMC Computers, Materials & Continua, Vol.72, No.1, Feb, 2022, pp.57-71, doi:10.32604/cmc.2022.024367, ISSN: 1546-2218/ 1546-2226, USA  
<https://www.techscience.com/cmc/v72n1/46888>
3. **Ahmed H. Al Omari**, Yazan A. Alsariera, Hussam S. Alhadawi, Mahmoud A. Albawaleez, Sultan S. Alkhliwi, A Closer Look on Challenges and Security Risks of Voice Over Internet Protocol Infrastructures, IJCSNS International Journal of Computer Science and Network Security, ISSN: 1738-7906, Vol.22, No.1, Feb, 2022, S. Korea  
[http://ijcsns.org/07\\_book/html/202202/202202023.html](http://ijcsns.org/07_book/html/202202/202202023.html)
4. **Ahmed H. Al Omari**, Mohammed A. Otair, Bayan N. Alzawahreh, A Multi-Stage Approach to Secure Digital Image Search over Public Cloud using Speeded-Up Robust Features (SURF) Algorithm, IJCSNS International Journal of Computer Science and Network Security, ISSN: 1738-7906, Vol.21, No.12, December 2021, S. Korea  
[http://paper.ijcsns.org/07\\_book/202112/20211210.pdf](http://paper.ijcsns.org/07_book/202112/20211210.pdf)
5. Yazan A. Alsariera, **Ahmed H. Al Omari**, Mahmoud A. Albawaleez, Yousef K. Sanjalawe, Kamal Z. Zamli, Hybridized BA & PSO t-way Algorithm for Test Case Generation, IJCSNS International Journal of Computer Science and Network Security, ISSN: 1738-7906, Vol.21, No.10, October 2021, S. Korea  
[http://paper.ijcsns.org/07\\_book/202110/20211048.pdf](http://paper.ijcsns.org/07_book/202110/20211048.pdf)
6. Bassam A. Y. Alqaralleh, Malek Z. Al-Kasasbeh, **Ahmad H. Al-Omari**, A Novel Pending Interest Table Sharing Scheme Using Neuro Fuzzy Logic for Named Data Networking Communication, Journal of Theoretical and Applied Information Technology, Vol 99, No. 1, (E-ISSN 1817- 3195 / ISSN 1992-8645), Jan, 2021, Pakistan  
<http://www.jatit.org/volumes/Vol99No1/16Vol99No1.pdf>
7. Malek Z. Al-Kasasbeh, **Ahmad H. Al-Omari**, Bassam A. Y. Alqaralleh, Tamer AbuKhalil, Anas Abukaraki, Ibrahim Alkore Alshalabi and Amal Alkasasbeh, Smart Hand Gestures Recognition using K-NN based Algorithm for Video Annotation Purposes, Indonesian Journal of Electrical Engineering and Computer Science, e-ISSN: 2502-4760, Vol. 21, No. 1, 2020. Indonesia  
<http://ijeecs.iaescore.com/index.php/IJECS/article/view/22524>
8. Bassam A. Y. Alqaralleh, **Ahmad H. Al-Omari** and Malek Z. Al-Kasasbeh, An Integrated Conceptual Model for m-Government Acceptance in Developing Countries: The Case Study of Jordan, International Journal of Interactive Mobile Technologies, Vol 14, No 06 (2020), e-ISSN: 1865-7923, Germany

- <https://online-journals.org/index.php/i-jim/article/view/11449>
9. **Ahmad H. Al-Omari**, Bassam A. Y. Alqaralleh, Smart Tourism and Location-Based Services Architectural Model, International Journal of Advanced and Applied Sciences (JIAAS), ISSN: 2156-5570, Volume 7, Issue 4 (April 2020), Pages: 113-120, Taiwan  
[https://www.researchgate.net/publication/340357634\\_Smart\\_tourism\\_and\\_location-based\\_services\\_architectural\\_model](https://www.researchgate.net/publication/340357634_Smart_tourism_and_location-based_services_architectural_model)
  10. **Ahmad H. Al-Omari**, Beyond Bitcoin Cryptocurrency, Blockchain in Education, IJCSNS International Journal of Computer Science and Network Security, VOL.19 No.12, December 2019, ISSN : 1738-7906, S. Korea  
[Title \(ijcsns.org\)](http://ijcsns.org)  
[Beyond Bitcoin Cryptocurrency, Blockchain in Education | Request PDF \(researchgate.net\)](https://www.researchgate.net/publication/340357634_Smart_tourism_and_location-based_services_architectural_model)
  11. **Ahmad H. Al-Omari**, A Lightweight Dynamic Crypto Algorithm for Next Internet, Engineering, Technology & Applied Science Research, Vol. 9 No. 3 (2019): June, 2019, eISSN: 1792-8036, Greece  
<https://www.etasr.com/index.php/ETASR/article/view/2743>
  12. **Ahmad H. Al-Omari**, ABJAD Arabic Based Encryption, International Journal of Advanced Computer Science and Applications, (IJACSA), Vol. 9, No. 10, 2018, ISSN: 2156-5570, UK  
[https://thesai.org/Downloads/Volume9No10/Paper\\_19-ABJAD\\_Arabic\\_based\\_Encryption.pdf](https://thesai.org/Downloads/Volume9No10/Paper_19-ABJAD_Arabic_based_Encryption.pdf)
  13. **Ahmad H. Al-Omari**, AbdulSamad Al-Marghirani, Smart Tourism Architectural Model (Kingdom of Saudi Arabia a case study), International Journal of Advanced Computer Science and Applications, (IJACSA), Vol. 8, No. 10, 2017, ISSN: 2156-5570, UK  
<https://thesai.org/Publications/ViewPaper?Volume=8&Issue=10&Code=IJACSA&SerialNo=10>
  14. Nidhal Kamel Taha El-Omari, **Ahmad H. Al-Omari**, Ali Mohammad H. Al-Ibrahim, Tariq Alwada'n, Text-Image Segmentation and Compression using Adaptive Statistical Block Based Approach, International Journal of Engineering and Advanced Technology™ (IJEAT), ISSN: 2249–8958, Volume-6 Issue-4, April 2017, India  
[D4873046417 \(ijeat.org\)](http://ijeat.org)  
<https://www.ijeat.org/wp-content/uploads/papers/v6i4/D4873046417.pdf>
  15. **Ahmad H. Al-Omari**, Dynamic Crypto Algorithm for Real-Time Applications DCA-RTA, Key Shifting, International Journal of Advanced Computer Science and Applications (IJACSA), Volume 7 Issue 1, 2016, ISSN: 2156-5570, UK  
<https://thesai.org/Publications/ViewPaper?Volume=7&Issue=1&Code=IJACSA&SerialNo=10>
  16. Faiz Al Shrouf, Aiman Turani, Ayman Abu Baker and **Ahmad Al Omri**, Analysis of Mobile Agent Optimization Patterns, Current Journal of Applied Science and Technology, 2014 - Volume 4 [Issue 12 (21-30 April)], ISSN: **2457-1024** Past name: **British Journal of Applied Science & Technology**, ISSN: **2231-0843**.  
<https://asianarchive.co.in/index.php/CJAST/article/view/9231>  
<https://www.journalcjast.com/index.php/CJAST/issue/view/2708>
  17. Nidhal Kamel Taha El-Omari, **Ahmed H. Omari**, Omran Fadeel Al-Badarneh, Hussein Abdel-Jaber, Scanned Document Image Segmentation Using Back-Propagation Artificial Neural Network Based Technique, International Journal of Computers and Communications, Issue 4, Volume 6, 2012, E-ISSN: 2074-1294, Canada  
<https://www.naun.org/main/UPress/cc/16-060.pdf>
  18. Haroon Tarawneh, Mohammad Otair, **Ahmed Alomari**, Mohammad Altarawneh, Mobile Banking Based on Stand-alone Mobile Application Clients -A Suggested Mobile Banking Solution for Banks in Jordan, International Journal of Advanced Research in Computer Science, Vol 3, No 1 (2012) , e-ISSN: 0976-5697  
<http://www.ijarcs.info/index.php/Ijarcs/article/view/983>

19. **Ahmed, H. Omari.** and Ala'a H. Khrisat. (2009). A Dynamic and Reliable Mesh Routing Protocol for Wireless Mesh Networks (DRMRP). IJCSNS International Journal of Computer Science and Network Security. VOL.9 No4.'61-67". ISSN: 1738-7906, S. Korea.  
<https://www.semanticscholar.org/paper/A-Dynamic-and-Reliable-Mesh-Routing-Protocol-for-Omari/7d96bf05a923fd1f3da041917a15e930f37dc9e0>
20. **Ahmad, H. Omari,** Basil, M. Al-Kasasbeh, Rafa, E. Al-Qutaish. and Mohammad, I. Muhairat. (2009). DEA-RTA: A Dynamic Encryption Algorithm for the Real-Time Applications. INTERNATIONAL JOURNAL OF COMPUTERS. Issue 1, Volume 3, "191-199". ISSN: 1998-4308. USA  
[https://thesai.org/Downloads/Volume7No1/Paper\\_10Dynamic\\_Crypto\\_Algorithm\\_for\\_Real\\_Time\\_Applications.pdf](https://thesai.org/Downloads/Volume7No1/Paper_10Dynamic_Crypto_Algorithm_for_Real_Time_Applications.pdf)
21. **Ahmed Al-Omari** and Hussein Al-Omari. (2006). E.Government Readiness Assessment Model. Journal of Computer Science. Vol. 2. No. 11. "841-845". ISSN 1549-3636. USA  
<https://thesaipub.com/abstract/10.3844/jcssp.2006.841.845>
22. Emad Qaddoura, Wesam AlMobaideen. and **Ahmad Omari.** (2006). Distributed Clusterhead Architecture for Mobile Ad Hoc Networks. Journal of Computer Science. Vol. 2 No .7. "583-588". ISSN 1549-3636. USA.  
<https://thesaipub.com/abstract/10.3844/jcssp.2006.583.588>
23. Hussein Al-Omari and **Ahmed Al-Omari.** (2006). Building an e-Government e-Trust Infrastructure. American Journal of Applied Sciences. Vol. 3 No. 11 "2122-2130". ISSN 1546-9239.  
[https://www.researchgate.net/publication/26445484\\_Building\\_an\\_e-Government\\_e-Trust\\_Infrastructure](https://www.researchgate.net/publication/26445484_Building_an_e-Government_e-Trust_Infrastructure)

#### Conferences Papers

1. Nidhal Kamel Taha El-Omari, Ph.D., Mohamad H. Alzaghaf and **Ahmed H. Omari.** (2010). Exploiting Wireless Technologies Infrastructure for Digital Inclusion in Jordan. In Proceedings of the International Arab Conference of e-Technology (IACe-T'2010). Kuwait, Kuwait.
2. **Ahmad H. Omari,** Basil M. Al-Kasasbeh, Abeer A. Omari, (2009). Dynamic cryptography algorithm for real-time applications DCA-RTA, ASMCSS'09 Proceedings of the 3rd International Conference on Applied Mathematics, Simulation, Modelling, Circuits, Systems and Signals, Athens Greece, Publisher [World Scientific and Engineering Academy and Society \(WSEAS\)](#) Stevens Point, Wisconsin, USA ©2009, ISBN: 978-960-474-147-2
3. **Ahmed, H. Omari,** Basil, M. AL-Kasasbeh, Rafa, E. AL-Qutaish. and Mohammad, I. Muhairat. (2008). A New Cryptographic Algorithm for the Real Time Applications. In Proceedings of the 7<sup>th</sup> WSEAS, International Conference on Information Security and Privacy (ISP'08). Cairo, Egypt.
4. Wesam Al Mobaideen, Emad Qaddoura, Eyas El-Qawasmeh. and **Ahmad Omari.** (2006). Framework for Distributed Agents Reliability (FDAR). CSIT2006 the 4<sup>th</sup> International multiconference on Computer Science and Information Technology. Amman, Jordan.
5. Fawaz, A. Masoud, Anas Hantash. and **Ahmad Al Omari.** (2006). A Web-Based Online Registration for the Students at the University of Jordan. CSIT2006 the 4<sup>th</sup> International multiconference on Computer Science and Information Technology. Amman, Jordan.
6. **Ahmed Al-Omari.** and Hussein Al-Omari. (2004). A Framework Model for Assessment of E-Government Readiness. ICTIT-2004- Information Technology Conference. Applied Science University, Amman, Jordan.

#### REFERENCES

1. Dr Wesam Al-Mobaideen, head of Computer Science Department, The university of Jordan, Amman- Jordan [wesmoba@ju.edu.jo](mailto:wesmoba@ju.edu.jo)



2. Dr. Hesham Abo-Saimeh, dean, Faculty of Information Technology, Applied Science University, Amman-Jordan, [h\\_saimeh@asu.edu.jo](mailto:h_saimeh@asu.edu.jo)
3. Dr Mohammad Hijjawi, head, Computer Networks Systems, Applied Science University, Amman-Jordan, [hijjawi@asu.edu.jo](mailto:hijjawi@asu.edu.jo)
4. Dr. Ahmad Al-Tamimi, Applied Science University, Amman-Jordan, [a.tamimi@asu.edu.jo](mailto:a.tamimi@asu.edu.jo)