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CURRICULUM VITAE

Professor Abdelfatah Aref Tamimi

Department/Faculty: Software Engineering/Faculty of Science & IT
University, City, Jordan: Al-Zaytoonah University of Jordan, Amman, Jordan
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Scopus: https://www.scopus.com/authid/detail.uri?authorId=56446581900
ORCID: https://orcid.org/0000-0001-7570-8079
Researchgate: https://www.researchgate.net/profile/Abdelfatah_Tamimi/publications

Personal Data

Date of Birth: October 3 <u>rd.</u>, 1950
Nationality: American, Jordanian

1. Education

- Ph.D. (Computer Science) 1996, The City University of NY, NY, NY, USA

- M.Sc. (Computer Science) 1989, Montclair University, Montclair, NJ, USA

- High Diploma (Education) 1977, The University of Jordan, Amman, Jordan

- B.Sc. (Mathematics) 1973, The University of Jordan, Amman, Jordan

2. Ph.D. Dissertation

Traffic Congestion Connectivity and Optimality in National Networks, the City University of NY, NY, NY, USA.

3. Employment

Academic Positions

- Professor, Computer Science, Al-Zaytoonah University of Jordan, Amman, Jordan.
  Sept. 8, 2016 – now

- Associate Professor, Computer Science, Al-Zaytoonah University of Jordan, Amman, Jordan.
  Dec. 12, 2010 – Sept. 7, 2016
- Assistant Professor, Computer Science, Al-Zaytoonah University of Jordan, Amman, Jordan.
  Sept. 15, 1996 – Dec. 11, 2010

Administrative Positions

- Dean, Faculty of science & IT, Al-Zaytoonah University of Jordan, Amman, Oct. 3, 2016 – now
- Dean, Faculty of science & IT, Al-Zaytoonah University of Jordan, Amman, Jordan. – Sept. 15, 1997 – Sept. 30, 2012
- Chairman of Computer Science & Math. Department, Faculty of science & IT, Al-Zaytoonah University of Jordan, Amman, sept. 30, 1996 – sept 15, 1997

4. Research Interests
Image Processing. Computer Networks, Software Engineering
https://www.researchgate.net/profile/Abdelfatah_Tamimi

5. Membership in Scientific Societies and Associations
- Editorial board member: Jordanian Journal of Computers and Information Technology (JJCIT)
- Senior Member of IACSIT

6. Honors and Awards
- Al-Zaytoonah University Awards for 15years serve as The dean of the Faculty of Science and It (1997 – 2015), 2015
- Al-Zaytoonah University Awards for Obtaining a Certificate of Quality Assurance for Higher Education Institutions - Silver level, 2018

7. Fellowships and Scholarships
None

9. Teaching Experience

- *Graduate Courses*
  Advanced Computer networks
  Computer Simulation
  Distributed system
  Scientific Research Methodology
  Computer Simulation

- *Undergraduate Courses*
  Computer networks I&2

Logic Design
Artificial Intelligent
Automata Theory
Data Structure
Compilers
Introduction to Internet
Introduction to Computer Science
Algorithm
Computation Theory
Visual Basic
Computer Simulation
Graduation Projects

10. Supervision of Graduate Research

Ph.D. Supervision

1. Ali Al Maqousi,"Supporting Guaranteed Services in Multi- Service Packet Networks by means of Measurement-Based Flow Admission Control", Oxford Brooks University, UK, 2003
2. Sameh Al Khofash, " New properties of t-diagnosable systems and their application to system diagnosis", Alneelain University, Sudan, 2004

Master's Supervision

3. Hussam Hourani, "A new Change Management Framework Integrated with the Software Development Lifecycle", Al-Zaytoonah University of Jordan, Jordan, 2019
4. Alaa Abu Hammad, "System for Detection and Identification Objects and their Distance for Blind People(DIDB), Al-Zaytoonah University of Jordan, Jordan, 2019
5. Asma Al-Sanhani, Face Identification from a Partial Face View (FIPV), Al-Zaytoonah University of Jordan, Jordan, 2018
6. Dyala Ibrahim, "A Secure Visual Cryptography System for Identification (SVCSIC), Al-Zaytoonah University of Jordan, Jordan, 2017
7. Wafaa Alshoura, "A Novel Image Cryptosystem Based on a 3D Chaotic Hash Function, Al- Zaytoonah University of Jordan, Jordan, 2016
8. Hanaa Abu-Ryash, "An Intelligent Traffic Light Control System for Ambulance Transportation (ITLCM)", Al-Zaytoonah University of Jordan, Jordan, 2015
9. Randa Maraqa, "Face Recognition by Dynamic Database Implementation", Middle East University, Jordan, 2012
10. Nagam Al-Madi, "Algorithm for Finding Summation of Some Power Series", Alneelain University, Sudan, 2003
11. Khaled Quasmeh, "Real Time Transmission in Low Speed Media by Desighn a New Technology called Trame Folding", Alneelain University, Sudan, 2003
12. Wegdan Farhan, National Network Analysis and Optimization: Case Study for Jordan Telecommunication", Alneelain University, Sudan, 2002

13. Ahmad Abu Mahfouz, "Hiding Information in 24 Bit BMP Image", Alneelain University, Sudan, 2002
14. Mohammad Alia, "Encryption Sound inside Image", Alneelain University, Sudan, 2002

11. Grants

"Integrated System for Monitoring and Recognizing Students During Class Session", Funded by Al-Zaytoonah University of Jordan, Jordan, finished 2004, cost 85000 US $.

12. Patents
None

13. Membership of Committees

- **National and International**
  - Senior Member of IACSIT
  - Editorial Board Member of JJCIT
  - Arab IT deans Association
  - A Committee member for evaluating Alhajawee international prize in Information Technology (2002)
  - A Committee member for monitoring, updating and evaluating IT curriculums in Al-Quds Open University
- **University**
  - Dean OF the Faculty of Science & IT

14. Professional and Scientific Meetings

Scientific Meetings Organized

- Conference Chair for the ICIT's conferences (2003, 2005, 2007, 2009, 2011, 2017)
- Steering Committee member for JEEIT2019

Participation in Scientific meetings

- Examiner for PhD thesis, "Performance evaluation techniques of the finite state systems, Damascus University, Syria, 2005.
- Examiner for More than 50 Master degree theses in different Universities

15. Participation in or organization of curricular and/or extra-curricular activities
All responsibilities as the Math. And Computer Science Department (196-1997)
All responsibilities as the Dean of Science and IT (1997-2013, 2016-now)

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16. Publications

- Papers in refereed journals
    1. AA Hnaif, **AA Tamimi**, AM Abdalla, I Jebril, *A Fault-Handling Method for the Hamiltonian Cycle in the Hypercube Topology*, CMC-COMPUTERS MATERIALS & CONTINUA 68 (1), 505-519, 2021
    2. TA Alrawashdeh, MW Elbes, A Almomani, F ElQirem, A Tamimi, *User acceptance model of open source software: an integrated model of OSS characteristics and UTAUT,* Journal of Ambient Intelligence and Humanized Computing 11 (8), 3315-3327, 2020
    3. Hussam Hourani, Raneem Dawood, Lana Sadaqa, Mohammad Abdallah and **Abdelfatah Tamimi**, *A Proposed Cloud Computing Quality Model: S3MQual (Service Measurement Metrics Model*, ICIC Express Letters, Accepted for Publication, 2019
    4. Hussam Hourani, Mohammad Abdallah and **Abdelfatah Tamimi**, *7e: A Proposed Change Management Model Integrated With Software Development Lifecycle*, ICIC Express Letters, Accepted for Publication, 2019
    5. Ayman M Abdalla, Asma H Al-Sanhani, **Abdelftah A Tamimi,** FACE RECOGNITION FROM A PARTIAL FACE VIEW BY PARTITIONING AND ROTATING FACIAL IMAGES, An international journal of advanced computer technology, 8(12), December-2019 (Volume-VIII, Issue-XII)
    6. Thamer A Alrawashdeh, Mohammad W Elbes, Ammar Almomani, Fuad ElQirem, **Abdelfatah Tamimi,** User acceptance model of open source software: an integrated model of OSS characteristics and UTAUT, Journal of Ambient Intelligence and Humanized Computing, 2019
    7. Ahmad Althunibat, Ali Ahmad Zahrawi, **Abdelfattah A. Tamimi**, Feras Hamed Altarawneh, *Measuring the Acceptance of using Enterprise Resource Planning (ERP) System in Private Jordanian Universities using TAM model*, International Journal of Information and Education Technology (IJIET), Accepted for Publication, 2019
    8. Thamer A. Alrawashed, Ammar Almomani, Ahmad Althunibat, **Abdelfatah Tamimi**, *An Automated Approach to Generate Test Cases from Use Case Description Model*, Computer Modeling in Engineering and Sciences ISSN:1526-1506(SCIE, Scopus), Accepted for Publication,2019
    9. Khalil Awad, Mohammad Abdallah, **Abdelfatah Tamimi**, Amir Ngah, Hanadi Tamimi; *A proposed forward clause slicing application*; Indonesian Journal of Electrical Engineering and Computer Science;2019,13(1),1-6; ISSN: 2502-4752, DOI: 10.11591/ijeecs.v13.i1.pp1-6 https://www.researchgate.net/profile/Mohammad_Abdallah2/publication/
    10. Abdelfatah Aref Tamimi, *A Key Dependent Encryption Algorithm Based on Multiple Bitwise-Shuffling and XOR Variable-Length Partitions*,

Journal of Computer Sciences 2016, 12 (2): 98.105 DOI: 10.3844/jcssp.2016.98.105, http://thescipub.com/abstract/10.3844/jcssp.2016.98.105

11. Hanaa M. Abu-Ryash, Abdelfatah **A. Tamimi**, *Comparison Studies for Different Shortest path Algorithms*, International Journal of Computers & Technology (IJCT), Vol.14, No.8, M a y 2 9 , 2 0 1 5,5979-5986, www.ijctonline.com,

12. **Abdelfatah Aref Tamimi**, Omaima N. A. AL-Allaf, and Mohammad A. Alia, *Real-Time Group Face-Detection for an Intelligent Class-Attendance System*, I.J. Information Technology and Computer Science, 2015, 06, 66-73, (http://www.mecs-press.org/) DOI: 10.5815/ijitcs.2015.06.09

13. **Abdelfatah Aref Tamimi**, Omaima N. A. AL-Allaf, and Mohammad A. Alia, *Eigen Faces and Principle Component Analysis for Face Recognition Systems: A Comparative Study*, , International Journal of Computers & Technology (IJCT), Vol 14 . No. 4, 2 8 F e b r u a r y , 2 0 1 5, 5650-5660, www.ijctonline.com

14. Mohammad A. Alia, **Abdelfatah Aref Tamimi** and Omaima N. A. AL-Allaf, *Integrated system for monitoring and recognizing students during class session*, The International Journal of Multimedia & Its Applications (IJMA) Vol.5, No.6, December 2013, DOI: 10.5121/ijma.2013.5604 IJMA is listed in ERA 2012 as per the Australian Research Council (ARC) Journal Ranking. http://airccse.org/journal/ijma.html

15. **Abdelfatah A. Tamimi**, Ayman M. Abdalla, and Omaima Al-Allaf, *Hiding an Image inside another Image using Variable-Rate Steganography*, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 4, No. 10, 2013, http://thesai.org/Downloads/Volume4No10/Paper_4-Hiding_an_Image_inside_another_Image.pdf

16. Omaima N. Ahmad AL-Allaf, **Abdelfatah Aref Tamimi**, and Mohammad A. Alia, *Face Recognition System Based on Different Artificial Neural Networks Models and Training Algorithms, (IJACSA)* International Journal of Advanced Computer Science and Applications, Vol. 4, No. 6, 2013, http://thesai.org/Downloads/Volume4No6/Paper_6-Face_Recognition_System_Based_on_Different_Artificial_Neural_Networks_Models_and_Training_Algorithms.pdf

17. Omaima N. Ahmad AL-Allaf, Shahlla A. AbdAlKader, and **Abdelfatah Aref Tamimi**, *Pattern Recognition Neural Network for Improving the Performance of Iris Recognition System*, International Journal of Scientific & Engineering Research, Volume 4, Issue 6, June-2013, ISSN 2229-5518 http://www.ijser.org

18. Ayman M. Abdalla1 and **Abdelfatah A. Tamimi**, *ALGORITHM FOR IMAGE MIXING AND ENCRYPTION*, the International Journal of Multimedia & Its Applications (IJMA) Vol.5, No.2, April 2013. DOI: 10.5121/ijma.2013.5604 IJMA is listed in ERA 2012 as per the Australian

Research Council (ARC) Journal Ranking.
http://airccse.org/journal/jma/5213ijma02.pdf

19. Omaima N. Ahmad AL-Allaf, **Abdelfatah Aref Tamimi**, and Shahlla A. AbdAlKader, *Artificial Neural Networks for Iris Recognition System: Comparisons between Different Models, Architectures and Algorithms*, International Journal of Information and Communication Technology Research, Volume 2 No. 10, October 2012, ISSN 2223-4985, http://www.esjournals.org

20. Mohammad A. Alia, Adnan A. Hnaif, Hayam K. Al-Anie, and **Abdelfatah Aref Tamimi**, *Graphical Password Based On Standard Shapes*, Science Series Data Report, Vol 4, No. 2;Feb 2012, ISSN:1307-119X. USA www.ssdr.sciencerecord.com

21. Feras Mohamed Al-Azzeh, **Abdelfatah Aref Yahya (Tamimi)**, *Procedures for Evaluating the Teaching Process in Computing Disciplines*, Int. J Emerging Science, 1(3),444-454, September 2011, ISSN 2222-4254, USA http://ijes.info/1/3/42541316.pdf

22. Feras Mohamed Al-Azzeh, **Abdelfatah Aref Yahya** (Tamimi), *Quality Criteria's of Computing Disciplines, European Journal of Scientific Research*, ISSN 1450-216X Vol.48 No.3 (2011), pp. 352-360, USA http://www.eurojournals.com/EJSR_48_3_02.pdf

23. Feras Mohamed Al-Azzeh, **Abdelfatah Aref Yahya (Tamimi)**, *Quality Procedures to Review, Mission, Vision and Objectives in Higher Educational Institutions*, European Journal of Scientific Research, ISSN 1450-216X Vol.45 No.2 (2010), pp.168-175, USA http://www.eurojournals.com/ejsr_45_2_02.pdf

24. Feras Mohamed Al-Azzeh, **Abdelfatah Aref Yahya (Tamimi)**, *Quality assurance procedures to prepare and update a university curriculum*, American Journal of Scientific And Industrial Research, ISSN: 2153-649X, 2010, 1(1): 01-06, USA http://scihub.org/AJSIR/PDF/2010/1/AJSIR-1-1-01-06.pdf

25. Alia, M. A., and Yahya (Tamimi), A. A.," *Public–Key Steganography Based on Matching Method*", European Journal of Scientific Research(EJSR), ISSN 1450-216X Vol.40 No.2 (2010), pp.223-231, USA http://www.eurojournals.com/ejsr_40_2_06.pdf

26. **Yahya (Tamimi),A.A**, and Abdalla, A.M., "*A Shuffle Image-Encryption Algorithm*", Journal of Computer Science (JCS), 4 (12): 999-1002, 2008, New York, 10956, USA http://dx.doi.org/10.3844/jcssp.2008.999.1002

27. Qatawneh M., and **Yahya (Tamimi) A.,** "*Automatic Vehicle Location Software Model and Geographic Information System*", Abhath Al-Yarmouk:"Basic Sci. & Eng.", 17 (1A), :1-11, 2008, Jordan http://www.ju.edu.jo/sites/Academic/mohd.qat/Lists/Published%20Research/DispForm.aspx?ID=5

28. **Yahya (Tamimi), A. A.,** Bader, R. M., "*Distributed Shared Memory Consistency Object-based Model*", Journal of Computer Science (JCS), 3 (1): 57-61, 2007, New York, 10956, USA

http://www.google.jo/url?sa=t&rct=j&q=distributed%20shared%20memory%20consistency%20object-

29. **Yahya (Tamimi), A. A.,** and Iskandarani M. Z., *"Remote Personal Tracking System (RPTS)",* American Journal of Applied Sciences (AJAS), 3 (12): 2147-2150, 2006, New York, USA
http://thescipub.com/abstract/10.3844/ajassp.2006.2147.2150

30. **Yahya (Tamimi), A. A.,** and Abdalla, A.M., *"Implementation of Matrix Folding in Multimedia Transmission"*, Pakistan Journal of Information and Technology, 2(2):104-115,2003
http://docsdrive.com/pdfs/ansinet/itj/2003/154-158.pdf

31. **Yahya (Tamimi), A. A.,** Abdalla, A.M., and Al-Qawasmi, K. E., *"Compression Video Using Matrix Folding", Pakistan Journal of Information and Technology*, 2(1):61-64,2003
http://scialert.net/abstract/?doi=itj.2003.61.64

32. Khuffash, S., Haj Ali, A., and **Yahya (Tamimi), A. A,**" *New properties of t-diagnosable systems and their application to system diagnosis*", Journal of Institute of Mathematics and Computer Science(Computer science series), Vol. 13 No. 2(2002)99-110, 2003

33. **Yahya (Tamimi), A.A**, AlMadi, N, and Almadi, A., *"Algorithm for finding some power series" Journal of Institute of Mathematics and Computer Science(Computer science series)*, Vol.13, No. 1(2002)87-91,2003

- Books and Book Chapters
    1. **Abdelfatah A. Tamimi**, Khaled Moustafa, and Akram Abdelkader, Computer Skils I,(Arabic), ISBN 978-9957-12-486-1,Dar Alyazori, Amman, Jordan, 2012, www.yasori.com
    2. Yahya (Tamimi) , A., and Khalifeh, J., Computer networks and Communications(English), Dar Alyazori, Amman, Jordan, 2009 www.yasori.com
    3. **Tamimi, A.A**, and Hasan Alahmad "Java Network Programming (Arabic)", Al Qudes University Press, Amman, Jordan, (2009)
    4. **Tamimi A.A**, and Salamah ,"Waleed LAN and Intranet (Arabic)", Al Qudes University Press, Amman, Jordan, (2008)
    5. **Yahya (Tamimi)**, A., and AboEeid, I., Computer Networks and Internet(Arabic), Dar AlYazori, Amman, Jordan, (2006) www.yasori.com
    6. Al_azzah, F., and **Yahya(Tamimi) A.A.,** and Qatawneh M., "Computer Tasks (Arabic)", Dar AlYazori (2004) www.yasori.com
    7. **Yahya(Tamimi) A.A.,** Computer networks and Communications(English), Dar Alarab, (2nd Edition, 2004)

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- Conference Presentations
    1. QH Makki, AM Abdalla, **AA Tamimi**, *A Survey of Image Encryption Algorithms*, 2021 International Conference on Information Technology (ICIT), 598-602, 2021
    2. AM Abdalla, IH Ghaith, **AA Tamimi**, *Deep Learning Weather Forecasting Techniques: Literature Survey*, 2021 International Conference on Information Technology (ICIT), 622-626, 2021
    3. H Abutaleb, **A Tamimi**, T Alrawashdeh, *Empirical Study of Most Popular PHP Framework*, 2021 International Conference on Information Technology (ICIT), 608-611, 2021
    4. SA Abushanap, AM Abdalla, **AA Tamimi**, S Alzu'bi, *A Survey of Human Face Recognition for Partial Face View*, 2021 International Conference on Information Technology (ICIT), 571-576,2021
    5. **AA Tamimi**, AM Abdalla, MM Abdallah, *Utilizing Quality Measures in Evaluating Image Encryption Methods*, Advances in Computer Vision and Computational Biology, 271-278, 2021
    6. Mohammed Lafi, Joseph Wassily Botros, Hamzah Kafaween, Ahmad Bassam Al-Dasoqi , **Abdelfatah Al-Tamimi**, *Code Smells Analysis Mechanisms, Detection Issues, and Effect on Software Maintainability*, 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT2019)
    7. **Abdelfatah A.Tamimi**, Raneem Dawood, Lana Sadaqa; *Disaster Recovery Techniques in Cloud Computing,* 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT2019)
    8. **Abdelfatah A.Tamimi**, Alaa Yousef Abd Alnabi, Hiba Ayyed Wasmi, *Association Rules To Generate A Frequent Item Sets*, 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT2019)
    9. **Abdelfatah Tamimi**, Maha AbuNaser, Ayat A Tawalbeh, Kholoud Saleh, Intelligent Traffic Light Based On Genetic Algorithm, 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), 2019
    10. **AA Tamimi**, AAA Hammad, AM Abdalla, ON Al-Allaf, A System for the Detection and Identification of Objects and Their Distances to Aid Blind People, Proceedings of the International Conference on Image Processing, Computer Vision, and Pattern Recognition (IPCV), 2019
    11. **Abdelfatah A Tamimi**, Ayman M Abdalla, Hanaa M Abu-Ryash, An Emergency Vehicle Navigation Algorithm Based on Subgraphs, Proceedings of the International Conference on Wireless Networks (ICWN),2019
    12. Nour AlAbwaini, Amal Aldaàje, Tamara Jaber, Mohammad **Abdallah, Abdelfatah** Tamimi; *Using Program Slicing to Detect the Dead Code*; In the 2018 8th International Conference on Computer Science and

Information Technology (CSIT); DOI: 10.1109/CSIT.2018.8486334©2018 IEEE

13. Dyala R. Ibrahim, **Abdelfatah A**. Tamimi, and Ayman M. Abdalla; *Performance Analysis of Biometric Recognition Modalities*; In the 8th International Conference on Information Technology (ICIT 2017); DOI: 10.1109/ICITECH.2017.8079977©2017 IEEE

14. **Abdelfatah A. Tamimi** and Ayman M. Abdalla; *A Variable Circular-Shift Image-Encryption Algorithm*, In The 2017 The 21th International Conference on Image Processing, Computer Vision& Pattern Recognition (IPCV'17), Las Vegas, NV, USA. July 17-20, 2017.

15. **Abdelfatah A. Tamimi** and Ayman M. Abdalla, *An Image Encryption Algorithm with XOR and S-box,* In The 2015 International Conference on Image Processing, Computer Vision, and Pattern Recognition (IPCV '15), Las Vegas, NV, USA. July 27-30, 2015.

16. **Abdelfatah A. Tamimi** and Ayman M. Abdalla, *An Audio Shuffle-Encryption Algorithm,* Proceedings of the World Congress on Engineering and Computer Science 2014 Vol I (WCECS 2014), 22-24 October, 2014, San Francisco, USA, http://www.iaeng.org/publication/WCECS2014/WCECS2014_pp409-412.pdf

17. Mohammad A. Alia, **Abdelfatah Aref Tamimi**, and Omaima N. A. AL-Allaf,   *Cryptography Based Authentication Methods*, Proceedings of the World Congress on Engineering and Computer Science 2014 Vol I WCECS 2014, 22-24 October, 2014, San Francisco, USA, http://www.iaeng.org/publication/WCECS2014/WCECS2014_pp199-204.pdf

18. **Abdelfatah A. Tamimi** and Ayman M. Abdalla, "*A Double-Shuffle Image-Encryption Algorithm*," In The 2012 International Conference on Image Processing, Computer Vision, and Pattern Recognition (IPCV '12), Las Vegas, NV, USA. 16-19 July 2012. Printed in Image Processing, Computer Vision, and Pattern Recognition [eds. H.R. Arabnia and L. Deligiannidis], pp. 496-499, CSREA Press, 2012. http://www.world-academy-of-science.org/worldcomp12/ws/conferences/ipcv12

19. Moh'd Belal Al-Zoubi, Al-Dahoud Ali, **Abdelfatah A. Yahya(Tamimi)**, *Fuzzy Clustering-Based Approach for Outlier Detection*, the 9th WSEAS International Conference on applications of computer engineering, ISBN: 978-960-474-166-3, march 2010, Malaysia.http://dl.acm.org/citation.cfm?id=1844148&CFID=74350994&CFTOKEN=55200339

20. **Yahya (Tamimi), A. A.**, Abdalla, A.M., "*An AES-Based Encryption Algorithm with Shuffling*," In The 2009 International Conference on Security and Management (SAM '09), Las Vegas, NV, USA. 13-16 July 2009. Printed in Security and Management [eds. H.R. Arabnia and K. Daimi], pp. 113-116, CSREA Press, 2009.

http://www.bibsonomy.org/bibtex/2188e14cd290b3483a24c4075d1b41c0e/dblp

21. Iskandarani, M., **Yahya(Tamimi), A.,** "*Neural Network Based Optical Character Recognition System*", International Conference on Computer Vision, Nevada, USA, 2005 http://www.informatik.uni-trier.de/~ley/db/indices/a-tree/y/Yaha:Abdelfatah_A=.html

22. **Yahya (Tamimi). A. A**., Khan A. Raouf., "*Orthogonal Transformation of 2D Cellular Automata and its Application in Cryptography*", International conference of Science and Information Technology, Alzaytoonah University, Amman, Jordan, 2003 http://www.alzaytoonah.edu.jo/Faculties/Science/Conferances/ICIT03/2003/NetworksandDistributedSystems/IT148.pdf

23. **Yahya(Tamimi), A,A**: "*Intelligent Networks: International personal telephone number*" The Second Scientific Conference on Computer and their Applications, Applied Science University, Amman Jordan, 1998)

- Others
  1. Co supervisor for PhD student'" Supporting Guaranteed Services in Multi-Service Packet Networks by means of Measurement-Based Flow Admission Control", Oxford Brooks University, UK, 2003
  2. Technical Committee Member for Arab Conference on Information Technology (ACIT)
  3. Attend many conferences in computer science and related topics.
  4. A Committee member for evaluating Alhajawee international prize in Information Technology (2002)
  5. A Committee member for monitoring, updating and evaluating IT curriculums in Alqudes Open University
  6. Prepare training sessions in computer networks and Internet applications.
  7. Video lecturing courses in computer networking and communication for Al-Quds Open University.
  8. http://www.qou.edu/arabic/mpc/pdfFiles/technology.pdf
  9. Discussion programs in Jordanian TV and Radio about computer security and Information Technology issues.
  10. Train manufacturing engineers in computerized manufacturing process control and statistical process control (SPC).
  11. Conference Chair, International conferences of Information Technology, Al-Zaytoonah University, Amman, Jordan, 2003, 2005, 2007, and 2009.
  12. Member of examination committee, PhD theses, Performance evaluation techniques of the finite state systems, A. A. Saymeh, Damascus University, Syria, 2005.