

# Curriculum Vitae

## Prof. Wesam Almobaideen

### PERSONAL INFORMATION

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**Surname:** Almobaideen

**Given Name:** Wesam

**Middle Name:** Abdel Rahman.

**Date of Birth:** 5, Oct, 1975.

**Place of Birth:** Amman, Jordan.

**Material Status:** Married.

### CONTACT INFORMATION

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Computer Science Department.  
King Abdullah II School for Information Technology.  
University of Jordan  
Amman – Jordan.

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P.O.Box: 11946-460460, Abu Alia, Amman, Jordan.

### QUALIFICATIONS/EDUCATION

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- Ph.D. Degree in Computer Networks, University of Bologna, 2003, Bologna, Italy.
- Ph.D. Thesis Title: "Performance Evaluation of Mobile Agents Paradigm for Wireless Networks".

- Master Degree in Computer Science, University of Jordan, 1999, Amman, Jordan.
- B.Sc. Degree in Computer Science, Mu'tah University, 1997, Karak, Jordan.

## OTHER QUALIFICATIONS

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- CISCO\_CCNA certified instructor.
- CISCO\_CyberSecurity certified instructor 1,8,2018.

## CURRENT POSITION

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Professor, Computer Science Department, King Abdullah II School for Information Technology, University of Jordan, since 2008.

## PREVIOUS POSITIONS

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2015-2016	Associated Professor, Princess Sumaya University for Technology Computer Science Department, King Hussein Faculty of Computing Sciences, PSUT, Sabbatical Leave.
2012 -2015	Department Chairperson, The University of Jordan Computer Science Department Chairperson.
2009-2012	Computer Science Director, The University of Jordan
2008-2009	Accreditation and Q.A. Director, The University of Jordan Office of Accreditation and Quality Assurance Director.
2007-2009	Dean's Assistant, The University of Jordan Faculty of Graduate Studies Dean's Assistant for Quality Assurance and Computer Affairs.
2003-2008	Assistant Professor, The University of Jordan Computer Science Department, King Abdullah II School for Information Technology.
2005-2007	Department Chairperson, The University of Jordan Computer Science Department Chairperson, King Abdullah II School for Information Technology.
2003-2005	Dean's Assistant, The University of Jordan King Abdullah II School for Information Technology Dean's Assistant for Development and Quality Assurance Affairs.

# RESEARCH INTERESTS

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Wireless and Mobile Networks Protocols; Computer and Networks Security; Cyber Security; Information Centric Networks; Software Defined Networks; Internet of Things; Fog and Cloud Computing; Mobile Agents Paradigm for Wireless Networks; Mapping Interconnection Networks Topologies.

# PARTICIPATION IN COMMITTEES

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1. Editor, International Journal of Wireless Communications and Mobile Computing, since 2013.
2. Reviewer of a number of local and international journals, and conferences (JCR indexed and others as well), since 2003.
3. Graduate Studies Committee, Department of Computer Science, University of Jordan, several years 2004 – 2018.
4. Graduate Studies Committee, King Abdullah II School for Information Technology (KASIT), University of Jordan, several years 2005 – 2018.
5. Student Training Committee, Department of Computer Science, University of Jordan, several years 2005 – 2010.
6. The Ministry of Higher Education Committee for Developing Accreditation Standards regarding the Computer Science Major for the Jordanian Universities, 2006.
7. A committee to set a complete plan of creating The Computer Networks Department, Omran University, Yemen Arab Republic, 2006.
8. Member of the Executive Committee for the Information and Communication Technology in Education Diploma (ICTE), University of Jordan, 2005-2007.
9. Member of the Technology Committee for University of Jordan's Hospital (Committee formed by the UJ president), 2006.
10. Member of the department of computer science committee for Quality Assurance, 2004-2008.
11. Director of the University of Jordan Network Upgrading Committee, which aimed to upgrade the university network with a budget over 1 M\$, 2008.
12. Several committees related to graduate studies, curriculum developments, training, hiring, and scientific research, Department of Computer Science and KASIT, University of Jordan, 2004-2018.
13. Several committees formed by the Higher Accreditation Commission in order to accredit national universities and colleges in Jordan, as an Accreditation and Quality Assurance Expert, Jordan, 2004-2018.
14. As a committee member of the final defense of Master Thesis of several students inside at The University of Jordan as well as many other local universities.

# REPRESENTATIVE AND OTHER ROLES

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- Department of Computer Science's representative person in KASIT council, 2004-2005.
- King Abdullah II School for Information Technology's (KASIT) representative person in the University of Jordan Council, 2005-2006.
- Reviewer for the curriculum and quality of education in some of the regional universities.
- Editorial board member in some international referred scientific journals that are related to my research interests.

# PARTICIPATION IN CONFERENCES

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1. 4th International Conference on Sciences of Electronic, Technologies of Information and Telecommunications (Setit2007), Author, 25-29 march, Hammamet, Tunisia, 2007.
2. The 10th World Multi-Conference on Systemic, cybernetics and Informatics, July 16-19, Author, Orlando, Florida, USA, 2006.
3. The 4th International Multi-conference on Computer Science and Information Technology (CSIT), Author, Amman, Jordan.
4. International Workshop on Computer Science Education and Research, UJ representative participant, KAIST, Korea, 2010.
5. IREG-5 Conference, Academic Rankings: From Popularity to Reliability and Relevance, UJ representative participant, Berlin, 2010
6. 2011 IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies (AEECT), Session Chair, Jordan, 2011.
7. 3rd International Conference on world-Class University, UJ representative participant, Shanghai, China, 2009.
8. Meeting for Supporting Nuclear Education and Training through e-Learning", Jordan National Representative for the RAS0064 project of the International Agency of Atomic Energy, Vienna, Austria, 2012.
9. The 2013 International Conference on Electronics, Signal Processing and Communication Systems, Author, Venice, Italy, 2013.
10. 2013 IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies (AEECT), Session Chair, Jordan, 2013.
11. Train-the-Trainers on the Learning Management System (LMS): National and Regional Approach to the LMS Utilization, and Hands-on Training, Jordan National Representative for the RAS0064 project of the International Agency of Atomic Energy, South Korea, 2013.
12. Cybersecurity and Cyberforensics Conference (CCC), Amman Jordan, 2016.

# TAUGHT COURSES

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1. C++ Programming.
2. Data Structures.
3. Computer Networks-1.
4. Networks Programming (using Java).
5. Computer Networks-2 (Advanced Internet Protocols).
6. Wireless Mobile Networks.
7. Computer and Network Security.
8. Multimedia Networking.
9. Computer Networks Analysis, Architecture and design.
10. Computer Network Project Managements.
11. Telecommunications Networks.
12. Modeling and Simulation.
13. Educational Web Sites Design.
14. Using Multimedia in Education.
15. Computer Networks (Master level course).
16. Computer and Network Security (Master level course)
17. Computer Networks (Ph.D. level course).
18. Mobile Computing (Ph.D. level course).

# MASTER AND PHD STUDENTS SUPERVISION

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1. Enas Tarawneh, "Mobile Ad Hoc Networks Route Manintennace Analysis In Reactive Routing Protocols", 2004.
2. Farah Kandah, "Performance Evaluation Of TCP's Fast Retransmit Over IEEE 802.11 DCF", 2005.
3. Hani Al Mimi, "Performance Evaluation of Multicast Ad Hoc On-Demanc Distance Vector Protocol", August, 2005.
4. Ghada Al qaddoumi, "Improving still images compression and transmission over wireless networks", June, 2006.
5. Safa'a Alawneh, " Selection Of Power Transmission Range In Clustered Mobile Ad-Hoc Networks", May, 2006.
6. Rania Halasa, " Studying TCP's Timeout Adaptivity Over Wireless Mobile Ad-Hoc Networks", August 2006.
7. Libda Al Gifran, "Load-Balancing Technique In Clustered Mobile Ad-Hoc Networks", August, 2006.
8. Kaled Hushaidan, "Providing Cluster-Based Quality of Service in Mobile Ad Hoc Networks", May, 2007.
9. Wesam Herbawi, " Vicinity Based Partial Flooding", May,2007.
10. Mohammad Smadi, "Enhancing Response Time for Spatial Queries", April, 2007.
11. Raghed Al\_Tarawenah, "Using Genetic Solution for Manet Mobility Based Clustering Algorithms", July, 2007.
12. Walaa Qutahsat, "Path Based Fast Retransmit over on Demand Multipath Mobile Ad hoc Wireless Network", December, 2008.
13. Roba Soub, "Secure Partially Spatially Disjoint Multipath Routing Protocol over MANETs", December, 2008.

14. Nosyaba Al\_Tarawneh, "Contention and Power Aware Routing Protocol for Mobile Ad Hoc Networks", 2008.
15. Ghada Jaber, " POWER AWARE CLUSTERING IN MOBILE AD HOC NETWORKS", December, 2008.
16. Enas Abu Qadoun, "Automated Reallocation of Replicas over qu
17. Shatha Alaseer, "Discovering the Most Stable Nodes in Mobile Ad Hoc Networks", 2010.
18. Sawsan Abu Sharkh, "Enhancing Modularity-Based Graph Clustering Algorithm", 2010.
19. Yaqub Masaad, "Performance Evaluation of Transmission Power Control (TCP) in Mobile Wireless Ad Hoc Networks", 2010.
20. Mohamad Adnan Jasim, "A Multi-Function Energy-Efficient System Model for Location –Aware Wireless Sensor Networks", 2011.
21. Rawaa Jabali, "Performance Evaluation of Cross Layer design and Optimization in MANETs", 2012.
22. Yasmin Khiero, "Membrane Computing Simulation for Secure Hierarchy Clustered Mobile Ad Hoc Networks", 2012.
23. Khawla Shnakat, "Power\_Aware Multipath Routing Protocol for Wireless Sensor Networks", 2012.
24. Njood Maita, "Investigating TCP TimeOut Adaptivity and Retransmission over MANET", 2013.
25. Nadia Kuppa, "Studying Session Initiation Protocol Entities Distribution over MANET", 2014.
26. Farah Alodwan, "A Data Hiding System in Medical Images", 2014.
27. Ameneh Qosini, "Role-based Access Control Model for Privacy Preservation om Cloud Computing Environment", 2015.
28. Mohamad Shehadeh, "A Multipath Routing Protocol for Wireless Sensor Network", 2015.
29. Entifada Saadeh, "Studying Reliability and congestion control for Transport Protocols over Wireless Sensor Networks", 2016.
30. Reem Almobaideen, "Multiple TCP Retransmission Time Out for Multi Path Routing over MANET", 2016
31. Ameneh Qosini, "Role-Based Access Control Model for Privacy Preservation in Cloud Computing Environment" 2016.
32. Rand Krashan, "Healthcare Centers Vicinity Based Path Finding for Mobile Patient", 2016
33. Ola Malkawi, "Evaluating and Tuning Destination Initiated Route Recovery Protocol", 2016
34. Mohamad Almobaideen, "Power-aware Multi-path Routing Protocol for Wireless Sensor Network", 2016
35. Ayat Almomani, "Region-of-Interest Layers Download Scheduling of Video Streaming over Dynamic Mobile Computing Environment", 2017.
36. Elham AbuZuhry, "Cluster based hieratical Routing Protocol for Wireless Sensor Networks (WSNs) within the Context of Smart Cities", 2017.
37. Ala'a Alshawaoureh, "Adaptive TDMA Scheduling for Wireless Sensor Network based on Application Data Size", 2017
38. Doa'a Alsoudi, "Energy and Distance Based Varying Cluster-Head Role Duration for Clustered Wireless Sensor Network", 2017
39. Hebato Allah Jarboua, "Unified Architecture for Cloud Searchable Encryption", still working.

40. Hamzeh BaniAta, "Privacy in Mobile Cloud Computing Systems", work in progress.
41. Huda Saadeh "Adaptive Multilayer Privacy Information Centric Network for IoT", work in progress.

## PUBLICATIONS IN CONFERENCES

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1. **Wesam A. Al Mobaideen**, Emad Qaddoura., Eyas E.Qawasmeh. and Ahmad Omari., "Framework for Distributed Agents Reliability (FDAR)", The 4<sup>th</sup> international Multiconference on Computer Science and Information Technology CSIT, Amman, Jordan, Pages 327-333, Vol. 1, April 5-7 2006.
2. **Wesam Al Mobaideen**, Safa'a .Alawneh, "Cluster Head Transmission Power Control in Clustered Mobile Ad hoc Networks", The 10<sup>th</sup> Word Multi-Conference on Systemic, cybernetics and Informatics", Pages 88-91, Vol. v, July 16-19, 2006 – Orlando, Florida, USA.
3. Azzam Sleit, **Wesam Al Mobaideen**, Nawal Alzabin, Hadeel Dawood, and Khaled Alqqarute, "A Genetic Algorithm for Distributed Query Processing over Mirror Servers". The 1<sup>st</sup> International Conference on Digital Communications & Computer Applications, 2007, Irbid, Jordan.
4. **Wesam Al Mobaideen**, Emad Qaddoura, Ahmad Sharieh, Shatha Asir, "Distance Granularity Effect on MANET Simulation", 4<sup>th</sup> international Conference on Sciences of Electronic, Technologies of Information and Telecommunications(Setit2007), Hammamet 25-29 march, Tunisia, 2007
5. Ammar M. Huneiti, **Wesam A. Al Mobaideen**, " Advanced Performance Support Systems – Conceptual Overview", 4<sup>th</sup> international Conference on Sciences of Electronic, Technologies of Information and Telecommunications(Setit2007), Hammamet 25-29 march, Tunisia, 2007.
6. Azzam Sleit, **W. AlMobaideen**, M. Smadi, M. Qatawneh," JCAM: The Joined Clustered Access Method", First International Conference on the Applications of Digital Information and Web Technologies – ICADIWT, Czech Republic, 2008.  
DOI: 10.1109/ICADIWT.2008.4664360
7. Mohammed S. Al-Rawi, Abdel Latif Abu-Dalhoun, Yousef Salah, **Wesam Al-Mobaideen**, Ansar Khoury. "A New Color Transformation for JPEG-2000 Image Compression", Proceedings of the 12th Wseas International Conference on Computers, Pts 1-3 - New Aspects of Computers, p. 159-162, 2008.
8. AL-Akhras Mousa, **Wesam Almobaideen**, Kareem Hdairis, Abdullah Al-Jaouni, Rami Al-Zeer, "Remote conferencing using SIP protocol stack and Java APIs", The 7th International Internet Education Conference & Exhibition (ICT-Learn 2008), pp. 1-7. 2008.
9. Mohammad Jassim, **Wesam Almobaideen**, "A Segment-Based Tree Traversal Algorithm For Enhancing Data Gathering In Wireless Sensor Networks", Proceedings of the 2013 International Conference on Electronics, Signal Processing and Communication Systems; 2013.

10. **Wesam Almobaideen**, Nadia Kubba, Albara W. Awajan, " FCSIP: Fuzzy and Cluster based SIP Protocol for MANET", 8th International Conference on Next Generation Mobile Apps, Services and Technologies, pp. 169 – 174, Oxford, 2014. IEEE.  
DOI: 10.1109/NGMAST.2014.37
11. **Wesam Almobaideen**, Maha Saadeh, Noor Al-Anbaki, Rawan Zaghloul, Aryaf Aladwan, Geographical Route Selection Based On User Public Transportation and Service Preferences, 9th International Conference on Next Generation Mobile Apps, Services and Technologies, Cambridge, 2015, IEEE.  
DOI: 10.1109/NGMAST.2015.72
12. **Almobaideen, Wesam**; AlKhateeb, Dimah AZ; "CSPDA: Contention and stability aware partially disjoint AOMDV routing protocol," Applied Electrical Engineering and Computing Technologies (AEECT), 2015 IEEE Jordan Conference on, 1-6, 2015, IEEE.  
DOI: 10.1109/AEECT.2015.7360548
13. Maha Saadeh, Azzam Sleit, Mohammed Qatawneh, **Wesam Almobaideen**, "Authentication Techniques for the Internet of Things: A Survey", 2016 Cybersecurity and Cyberforensics Conference, 2016, IEEE. DOI: 10.1109/CCC.2016.22
14. Huda Saadeh, **Wesam Almobaideen**, Khair Eddin Sabri, "Internet of Things: A review to support IoT architecture's design", 2nd International Conference on the Applications of Information Technology in Developing Renewable Energy Processes & Systems (IT-DREPS), 2017, IEEE. DOI: 10.1109/IT-DREPS.2017.8277803

## PUBLICATIONS IN JOURNALS

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1. Emad Qaddoura, **Wesam Al Mobaideen**, Abdelghani Daraiseh,, Rushdi Muammar, Soliman Al-Walaie, "TCP Optimal Performance in Wireless network Applications", Journal of computer Science, Volume (2), Issue (5), pages 455-458, 2006,
2. Emad Qaddoura, **Wesam AlMobaideen**, Ahmad Omari, "Distributed clusterhead architecture for mobile ad hoc networks", Journal of Computer Science, Volume (2), Issue (7), pages: 583-588, 2006.
3. **Wesam Al Mobaideen**, Hani Mahmoud Mimi, Fawaz Ahmad Masoud, Emad Qaddoura, "Performance Evaluation of Multicast Ad Hoc On-Demand Distance Vector Protocol", Computer Communication Journal, Vol. 30(2007), Pages 1931-941, Elsiwer (Science Direct), 2007.
4. Azzam Sleit, **Wesam AlMobaideen**, Samih Al-Areqi, and Abdulaziz Yahya, " A Dynamic Object Fragmentation and Replication Algorithm In Distributed Database Systems", American Journal of Applied Sciences Vol. 4, No. 8, pages: 613-618, 2007, ISSN 1546-9239 © 2007 Science Publications.
5. Azzam Sleit (previously, Azzam Ibrahim), **Wesam AlMobaideen**, Aladdin H. Baarah, and Adel H. Abusitta, "An Efficient Pattern Matching Algorithm", Journal of Applied Sciences, Vol. 7, No. 9, 2007 (ISSN: 1812-5654).
6. **Wesam Almobaideen**, Mohammad Qatawneh, Azzam Sleit, Imad Salah, Saleh Al-Sharaeh, "Efficient Mapping Scheme of Ring Topology



- Onto Tree-Hypercubes", Journal of Applied Sciences 7(8), pages: 2666-2670, 2007.
7. Azzam Sleit, **Wesam Al-Mobaideen**, Nawal Alzabin, Hadeel Dawood, Khaled alqarute, "Efficient Query Processing Over Mirror Servers Using Genetic Algorithms", Neural Network World, 4/07, pages: 311-320, 2007.
  8. Mohammad Qatawneh, **Wesam Almobaideen**, Azzam Sleit, Emad Qaddoura, Orayb Meqdady, Shatha Al-Asir, " PFR: Priority-based Fragments Retransmission for IEEE 802.11 Ad-hoc Wireless Networks", European Journal of Scientific Research, 2008.
  9. **Wesam AlMobaideen**, "SPDA: Stability Based Partially Disjoint AOMDV", European Journal of Scientific Research, Volume 27, No. 3, Pages: 342-348, 2009.
  10. Ahmad Sharieh, Mohammad Qatawneh, **Wesam Almobaideen**, Azzam Sliet, "Hex-Cell: Modeling, Topological Properties and Routing Algorithm", European Journal of Scientific Research, Volume 22, No.2, Pages: 457-468, 2008.
  11. Azzam Sleit, **W. AlMobaideen**, M. Qatawneh, H. Saadeh, "Efficient Processing for Binary Submatrix Matching", American Journal of Applied Sciences, Vol. 6, No. 1, 2008.
  12. Azzam Sleit, **W. Almobaideen**, M. Qatawneh, S. Al-Asir, O. Al-Megdadi, "Recognizing Objects by Detecting Multiple Moving Parts", Journal of American Science, Vol. 4, No. 4, Pages:32-43, 2008.
  13. Mohammed S Al-Rawi, Abdel-Latif Abu-Dalhoun, Yousef Salah, **Wesam Al-Mobaideen**, Ansar Khoury, "Using genetic algorithms to find new color transformations for JPEG-2000 image compression", WSEAS Transactions on Computers, pp. 1189-1198, vol. 7, issue 8, 2008.
  14. Fawaz A. M. Masoud, Qatawneh Mohammad, **Wesam Almobaideen**, Alshraideh Mohammad, Nabil Abu Hashish, Oraib Megdady, Shatha Al-Asir, Shorouq Aladaileh, "Interactive RPC Binding Model", European Journal of Scientific Research, Volume 27, No.1, Pages:112-119, 2009.
  15. Mohammad Qatawneh, Azzam Sleit, **Wesam Almobaideen**, "Parallel Implementation of Polygon Clipping Using Transputer", American Journal of Applied Sciences, Vol. 6, No. 2, 2009.
  16. Mohammad Qatawneh, Bdour Hamed, **Wesam AlMobaideen**, Azzam Sleit, Amal Oudat, Wala'a Qutechat, Roba Al-Soub, "FTRH: Fault Tolerance Routing Algorithm for Hex-Cell Networks", IJCSNS International Journal of Computer Science and Network Security, VOL.9 No. 12, 268-274, 2009.
  17. Azzam Sleit, **Wesam Almobaideen**, Mohammed Qatawneh, Ala'a Barakat, Heba Saadeh, "A Query Answering Surveillance System for Detecting and Tracking Moving Objects using Boundary Rectangles ", Vol. 7, No. 1, 2009.
  18. Mohammad Alshraideh, Mohammad Qatawneh, **Wesam Al Mobaiden**, Azzam Sleit, " Program-Operators to Improve Test Data Generation Search", WSEAS TRANSACTIONS on COMPUTERS, Issue 8, Volume 9: 799-811, 2010.
  19. Azzam Sleit, Sawsan Abusharkh and **Wesam AlMobaideen**, "Enhancing Modularity-Based Graph Clustering", World Applied Sciences Journal, vol. 9 (9): pages 984-996, 2010.

20. **Wesam Almobaideen**, Khaled Hushaidan, Azzam Sleit, Mohammad Qatawneh, "A Cluster-based approach for supporting QoS in Mobile Ad Hoc networks", *International journal of digital content technology and its application*, vo. 5, no. 1, pages 1-9, 2011.
21. A Sleit, R Abu-Hurra, **W Almobaideen**, "Lower-quarter-based face verification using correlation filter", *The Imaging Science Journal*, Vol. 59, Issue 1, pp. 41- 48, 2011.
22. Mohammad Qatawneh, Hamed Bdour, Shrouq Sabah, Rana Samhan, Azzam sliet, Ja'far Alqatawna, **Wesam al-Mobaideen**. "An alternative Routing Algorithm for Hex-Cell Network", *Information: An International Interdisciplinary Journal*, 14(10), pp. 3499-3514, 2011.
23. Hasan Al-Hasan, Mohammad Qatawneh, Azzam Sleit, **Wesam Almobaideen**, "EAPHRN: Energy-Aware PEGASIS-Based Hierarchal Routing Protocol for Wireless Sensor Networks", *Journal of American Science*, 7(8), 2011.
24. **Almobaideen, Wesam**; Al-Soub, Roba; Sleit, Azzam; "MSDM: Maximally Spatial Disjoint Multipath Routing Protocol for MANET", *Communications and Networks*, Volume 5, No. (4), pp. 316-322, 2013.
25. **Almobaideen, Wesam**; Al-Khateeb, Dimah; Sleit, Azzam; Qatawneh, Mohammad; Al-Khdour, Rasha; Hafeeza, Hadeel Abu; "Improved Stability Based Partially Disjoint AOMDV", *International Journal of Communications, Networks, and System Sciences*, 6(5), pp. 244-250, 2013.
26. Inas Abuqaddom, Azzam Sleit, **Wesam Almobaideen**, "AUTOMATED RE-ALLOCATOR OF REPLICAS OVER MOBILE AD HOC NETWORK", *S International Journal of Computer Networks & Communications (IJCNC)*, pp. 129-147, Vol.6, No.1, 2014. DOI : 10.5121/ijcnc.2014.6109
27. **Almobaideen, Wesam**; Njoud O. Al-maitah, "TCP Karak: A New TCP AIMD Algorithm based on Duplicated Acknowledgements for MANET ", *International Journal of Communications, Networks, and System Sciences*, 7(9), 396-407, 2014.
28. **Almobaideen, Wesam**; Njoud Al-maitah, "TTAF: TCP Timeout Adaptivity based on Fast Retransmit over MANET", *Journal of Networks*, 9 (12), pp. 3321-3326, 2014.
29. **Almobaideen, Wesam**; Allan, Mamoon; Saadeh, Maha; "SMART ARCHAEOLOGICAL TOURISM: CONTENTION, CONVENIENCE AND ACCESSIBILITY IN THE CONTEXT OF CLOUD-CENTRIC IoT," *Mediterranean Archaeology and Archaeometry*, 16, 1, 227-236, 2016.
30. **Wesam Almobaideen**, Rand Krayshan, Mamoon Allan, Maha Saadeh, "Internet of Things: Geographical Routing based on healthcare centers vicinity for mobile smart tourism destination", *Technological Forecasting and Social Change*, Vol. 123, pp. 342-35, 2017
31. Maha Saadeh, Azzam Sleit, Khair Eddin Sabri, **Wesam Almobaideen**, "LIGHTWEIGHT IDENTITY BASED SIGNATURE FOR MOBILE OBJECT AUTHENTICATION IN THE INTERNET OF THINGS", *Journal of Theoretical & Applied Information Technology*, 96(3), 2018.
32. Huda K. Saadeh, **Wesam Almobaideen**, Khair Eddin Sabri, "PPUSTMAN: Privacy-Aware Publish/Subscribe IoT MVC Architecture Using Information Centric Networking", *Modern Applied Science*; Vol. 12, No. 5; pp. 128-152, 2018.

# REFERENCES

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Prof. Azzam Sleit, Computer Science Department, King Abdullah II School for Information Technology, The University of Jordan, Amman, Jordan. [azzam.sleit@ju.edu.jo](mailto:azzam.sleit@ju.edu.jo)

Prof. Mohamed Qataweh, Computer Science Department, King Abdullah II School for Information Technology, The University of Jordan, Amman, Jordan. [mohd.qat@ju.edu.jo](mailto:mohd.qat@ju.edu.jo)

Prof. Arafat Awajan, Vice president at Princess Sumaya University for Technology, Computer Science Department, King Hussein Faculty of Computing Sciences, PSUT, Amman, Jordan. [awajan@psut.edu.jo](mailto:awajan@psut.edu.jo)