

Publications

Papers in refereed journals:

1. Abdelouahid Derhab, Kashif Saleem, **Ahmed Youssef**, and Mohamed Guerroumi, "Preventive Policy Enforcement with Minimum User Intervention Against SMS Malware in Android Devices" *Arabian Journal of Science & Engineering (AJSE)*, Springer, 41(2), pp. 479-493, Feb 2016. **(ISI Indexed, SCI)**
2. Almetwally M. Mostafa and **Ahmed E. Youssef**, "PRP: A Primary Replacement Protocol Based on Early Discovery of Battery Power Failure in MANETs", *Multimedia Tools and Applications*, vol. 74, no. 16, pp. 6243–6254, Springer, Aug. 2015. **(ISI Indexed, SCI)**
3. Ahmad A. Al-Daraiseh; Mohammed Morsi; **Ahmed Youssef**, "Feasibility Verification and Performance Evaluation of Exclusion-Based VANETs (EBV)". *The journal of KING ABDULAZIZ UNIVERSITY, Computing and Information Technology*, Volume-3, No.1, 2015.
4. Almetwally Mostafa, **Ahmed Youssef** and Gamal Alshorbagy, "A Framework for a Smart Social Blood Donation System Based on Mobile Cloud Computing", ***Health Informatics-An International Journal (HIJ)***, Vol.3, No.4, pp. 1-10, November 2014.
5. Almetwally Mostafa and **Ahmed Youssef**, "Improving Resource Utilization, Scalability, and Availability in Replication Systems Using Object Ownership", ***Arabian Journal of Science & Engineering (AJSE)***, Springer, vol. 39, no. 12, pp. 8731-8741, 2014. **(ISI Indexed, SCI)**
6. **Ahmed E. Youssef**, "A Framework for Secure Healthcare Systems Based on Big Data Analytics in Mobile Cloud Computing Environments", ***International Journal of Ambient Systems and Applications (IJASA)***, vol.2, no.2, pp. 1-11, June, 2014.
7. Abdulelah Almishal and **Ahmed E. Youssef**, "Cloud Service Providers: A Comparative Study", ***International Journal of Computer Applications and Information Technology (IJCAIT)***, vol. 5, no. 2, pp. 46-52, May, 2014.
8. **Ahmed E. Youssef**, "Towards Pervasive Computing Environments With Cloud Services", ***International Journal of Ad hoc, Sensor & Ubiquitous Computing (IJASUC)***, Vol.4, No.3, pp.1-9, June, 2013
9. Ahmed A. Al-Johani and **Ahmed E. Youssef**, "A Framework for ERP Systems in SME Based on Cloud Computing Technology", ***International Journal on Cloud Computing: Services and Architecture (IJCCSA)***, Vol.3, No.3, pp. 1-14, June 2013
10. Almetwally M. Mostafa and **Ahmed E. Youssef**, "A Primary Shift Protocol For Improving Availability in Replication Systems", ***International Journal of Computer Applications (IJCA)***, Vol. 72, No. 4, pp 37-44, June 2013.
11. Abeer Hamdy, Reda Ammar, and **Ahmed E. Youssef**, "Efficient Scheduling of Real-Time Parallel Applications on Clusters" ***International Journal of Computer Science & Information Technology (IJCSIT)***, Vol. 4, No. 5, pp. 197-212, October 2012.
12. **Ahmed E. Youssef**, Abeer Hamdy, and Reda Ammar, "Efficient Processing Power Reservation Approach to Improve Real-Time Task Schedulability and Reliability" ***International Journal of Computer Science Issues (IJCSI)***, Vol. 9, Issue 5, No 2, pp. 196-205, Sept. 2012
13. Abeer Hamdy, **Ahmed E. Youssef**, and Reda Ammar, "Real-Time Workload Allocation on a Uni-processor", ***International Journal of Computer Applications (IJCA)***, Vol. 53– No.12, pp.17-24, Sept. 2012.

14. **Ahmed E. Youssef**, "Exploring Cloud Computing Services and Applications", **Journal of Emerging Trends in Computing and Information Sciences**, Vol. 3, No. 6, pp. 838-847, July 2012.
15. **Ahmed E. Youssef** and Manal Alageel, "A Framework for Secure Cloud Computing", **International Journal of Computer Science Issues (IJCSI)**, Vol. 9, Issue 4, No 3, pp. 478-500, July 2012.
16. Ahmed Emam and **Ahmed Youssef** "Do Females Read Faster Than Males? An Empirical Study Using Eye Tracking System", **International Journal of computer Science Issues (IJCSI)**, Volume 9, Issue 3, pp.232-240, May 2012.
17. Abdulaah Alshwaier, **Ahmed Youssef** and Ahmed Emam "A New Trend for E-Learning in KSA Using Educational Cloud", **Advanced Computing: An International Journal (ACIJ)**, Vol.3, No.1, pp.81-97, Jan. 2012.
18. **Ahmed Youssef** and Ahmed Emam, "Network Intrusion Detection Using Data Mining Techniques and Network Behavior Analysis", **International Journal of Computer Science & Information Technology (IJCSIT)**, Vol 3, No 6, pp. 87-98, Dec. 2011.
19. Medhat Awadallah and **Ahmed Youssef**, "Scalable Symmetric Key Cryptography using Asynchronous Data Exchange in Enterprise Grid" **International Journal of Computer Science Issues (IJCSI)**, Vol. 8, Issue 6, No 3, pp. 107-115, Nov. 2011.
20. **Ahmed Youssef** and Manal Alageel "Security Issues in Cloud Computing" **GSTF International Journal on Computing**, Vol.1, No. 3, pp. 7-12, Aug. 2011.
21. Reda Ammar, Abeer Hamdy and **Ahmed Hussein**, "Efficient Execution of Real-Time Tasks on a Single Processor", **International Journal of Intelligent Computing and Information Sciences (IJICIS)**, Vol.9, No.2, pp. 31-40, July 2009.

Papers in Conferences Proceedings:

22. Abdelouahid Derhab, Kashif Saleem and **Ahmed E. Youssef**, "Third Line of Defense Strategy to Fight against SMS-based Malware in Android Smartphones", **The International Wireless Communications and Mobile Computing Conference (IWCMC 2014)**, Nicosia, Cyprus, Aug, 2014.
23. Almetwally M. Mostafa and **Ahmed E. Youssef**, "A Multi-Primary Ownership Partitioning Protocol For Highly Scalable and Available Replication Services", **The Second Saudi International Electronics, Communications and Photonics Conference**, SIEPC '13, Riyadh, 27 - 30 April, 2013.
24. Almetwally M. Mostafa and Ahmed E. Youssef, "Leader Replacement Protocol Based on Early Discovery of Battery Power Failure in MANETs", **International Conference on IT Convergence and Security (ICITCS)**, Macua, China, 16-18 Dec, 2013.
25. Mohammed Alnuem, Samir EL-Masri, **Ahmed Youssef**, and Ahmed Emam "Towards Integrating National Electronic Care Records in Saudi Arabia", **12th Int'l. Conference on Bioinformatics and Computational Biology BIOCAMP'11**, LV, USA, July 18-21, 2011.
26. Ahmed Emam, **Ahmed Youssef**, Samir EL-Masri, and Mohammed Alnuem "Towards Universal Patient Identifiers in KSA", **10th Int'l Conference on Information and Knowledge Engineering IKE'11**, LV, USA, July 18-21, 2011.

27. Hamdy A. Morsy, Joshua Gluckman, **Ahmed Hussein**, Fathy Z. Amer "Block Based Steganography", **In Proceeding of 9th European Conference on Information Warfare and Security (ECIW)**, Thessaloniki, Greece, 1-2 July 2010. (ISI indexed)
28. Hamdy A. Morsy, **Ahmed Hussein**, Joshua Gluckman, Fathy Z. Amer "Hiding Appropriate Messages in the LSB of JPEG images", **In Proceeding of 5th International Conference on Information Warfare and Security (CIW)**. The Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, USA, 8-9 April 2010.
29. Nora Naguib, **Ahmed Hussein**, Hisham Kishk, and Mohamed Eladawy, "Using PFA in Feature Analysis and Selection for H.264 Adaptation", **Paris 2009 International Conference on Image and Vision Computing (ICIVC 2009)**, June 2009.
30. Nora Naguib, **Ahmed Hussein**, Hisham Kishk, and Mohamed Eladawy, "Contrast Error Distribution Measurement for Full Reference Image Quality Assessment", **18th International Conference on Computer Theory and Applications (ICCTA)**, Alex, Egypt, Oct 2008.
31. Reda Ammar, S. Rajasekaran **Ahmed Hussein**, and Abeer Hamdy, "Efficient Real-Time Task Scheduling on Cluster Platforms with Network Limitations", **IEEE International Symposium on Computers and Communications (ISCC)**, Aveiro, Portugal, July 2007.
32. Abeer Hamdy, Reda Ammar, and **Ahmed Hussein**, "Efficient Workload Allocation to Schedule Fork-Join Real-Time Task Graphs on Cluster Computing Platforms", **2nd International Computer Engineering Conference, ICENCO'2006**, Cairo, Egypt, Dec. 2006.
33. **Ahmed Hussein**, Reda Ammar, and Abeer Hamdy, "Efficient Workload Allocation to Schedule Tandem Real-Time Task Graphs in a Cluster Computing Environment", **International Society of Computers and their Applications (ISCA), 19th International Conference on Parallel and Distributed Computing Systems (PDCS)**, San Francisco, California, USA, Sep. 2006.
34. Reda Ammar, **Ahmed Hussein**, and Abeer Hamdy, "Efficient Execution of Real-Time Tasks on a Single Processor", **IEEE International Symposium on Signal Processing and Information Technology (ISSPIT)**, Vancouver, Canada, Aug. 2006.
35. Abeer Hamdy, **Ahmed Hussein**, and Reda Ammar, "An efficient workload allocation to improve scheduling real-time tasks", **IEEE International Symposium on Computers and Communications (ISCC)**, Pula-Cagliari, Sardinia, Italy, June 2006.
36. **Ahmed Hussein**, Reda Ammar, and Abeer Hamdy, "Efficient Processing Power Utilization to Execute Real-Time Tasks", **IEEE International Symposium on Signal Processing and Information Technology (ISSPIT)**, Athens, Greece, Dec. 2005.