

Mansour Abdulaziz Al Zuair

Personal Information

Date of birth 9/4/1963 in Riyadh
Married 4 sons and 2 daughters

Education

1989 - 1996 Syracuse University Syracuse, NY

PhD in Computer Engineering

1987 – 1989 Syracuse University Syracuse NY

Msc in Computer Engineering

1982 1986 King Saud University Riyadh Saudi Arabia

Bachelor of Computer Engineering with second class honors

Professional experience

- **TA** 1986/87 King Saud University
- Assistant Professor 1997 – now (Applying for Associate)
- Part time consultant 1999 -2000 Saudi Press Agency
- Computer Engineering Dept. Deputy chairman 2000 – 2003
- Computer Engineering Dept. Chairman 2003 – 2006
- Summer Training Committee chairman, CCIS, 2006 – now
- Member of Qaseem private college board of trustee, 2009
- Member of the Technical Consulting Team for the National Center for E-learning and Distance Education 2007
- Member of Higher Education Committees for evaluating universities in Pakistan, Tunisia, Bahrain, Egypt, UAE, Oman, Syria, Kuwait and Lebanon
- Member of higher education committee for Certificate Equivalency degrees Equalization 2003 - now
- Vice Dean, College of computer and Information Sciences 11/2009-11/2011
- Vice Dean for Academic Affairs, College of computer and Information Sciences 11/2011-2/2016
- Acting Dean 3/12/2015 - 14/2/2016
- Dean 15/2/2016 – today

**Journal
publications**

Y. A. Reyad, A. El-Zaart, H. Mathkour, **M. Al-Zuair**, "Image Thresholding Using Split and Merge Techniques with Log-Normal Distribution," *Canadian Journal on Image Processing and Computer Vision*, Vol. 1, No. 3, July 2010

Faten Al-Rashed, Mohsin Iftikhar, Ijaz Ali Shoukat, Mehmet S. Aksoy, **Mansour Zuair**, Wasai Shadab Ansari, Atif M. Al Amri, Bjorn Landfeldt and Albert Y. Zomaya, "The Exact Solution of Exhaustive, Gated And Mixed Exhaustive & Gated Service Polling Models with Multiple Classes of Self- Similar traffic Input", **accepted** " *Information-An International Interdisciplinary Journal*. Published by International Information Institute, Tokyo, Japan, vol 16 Number 5 pp 2783-2799 2013.

Brownson Obaridoa Obele, Minho Kang , Mohsin Iftikhar, **Mansour Zuair** and Albert Zomaya," On the Provisioning of Guaranteed QoS in a Converged ONU-BS with Self-Similar Traffic Input and Low-Latency Queuing Discipline" *Information-An International Interdisciplinary Journal*. Published by International Information Institute, Tokyo, Japan vol 16 Number 5 pp 3069-3096, 2013

Mansour Zuair, "Development of an Access Mechanism for Femtocell Networks", JATIT, Vol 51 May 2013.

Mansour Zuair. Abdulmalik Rahhal and MohammedAlrahhah,"New Hybrid Access Method for Through Adjusting QoS", Journal of Communication and Computer 8, pp 1087-1093, 2013

Mohamad Mahmoud Al Rahhal, Yakoub Bazi, Naif Alajlan, Salim malek, Haikel Al-Hichri, Farid Melgani, **Mansour Zuair** "Classification of AAMI heartbeat classes with an interactive ELM ensemble learning approach" , Biomedical Signal Processing and Control, 19(2015) 56-67 May 2015.

Mansour Zuair, Abdulmalik Rahhal, Wadood Abdul, Sanaa Ghouzali, Emad -Ul-Haq Qazi, "Spacial Domain Bit Plane Steganography ", International Journal of Innovative Research in Technology & Science(IJIRTS), Vol 3 No 4 2015

Syed Khairuzzaman Tanbeer, Mohammad Mehedi Hassan, Ahmad Almogren,**Mansour Zuair**, Byeong-Soo Jeong, "Scalable regular pattern mining in evolving body sensor data", Future Generation Computer Systems, 2016

Mohammed Faisal, Hassan Mathkour, Mansour Alsulaiman and **Mansour Zuair**, "Multi-sensors multi-baseline mapping system for mobile robot using stereovision camera and laser-range device", Advances in Mechanical Engineering, Vol. 8(6), 1-18, 2016

Mohammed Faisal, Mansour Alsulaiman, Ramdane Hedjar, Hassan Mathkour, Mansour Zuair, Hamdi Altaheri, Mohammed Zakariah, Mohammed A Bencherif and Mohamed A Mekhtiche, "Enhancement of mobile robot localization using extended Kalman filter", Advances in Mechanical Engineering, Vol. 8(11), 1-11, 2016

**Conference
publications**

Mansour Zuair, C. Y. Roger Chen, D. Melikestian, "Computational Analysis of MPEG-2 Encoding Algorithm" , *1996 International Conference on Consumer Electronics, USA*

Mansour Zuair, C. Y. Roger Chen, D. Melikestian, "A New Architecture for MPEG-2 Real Time Encoding" , *1997 IS & T/SPIE Annual Symposium, USA*

Mansour Zuair, "An Optimized Architecture for MPEG-2 Real Time Encoding" , *International Conference on Information Technology and Multimedia at UNITEN (ICIMU 98) Malaysia*

Mansour Zuair, Bandar Al Rashed, "Tracking Using Motion Estimation", *International Conference on Computer and Communication Engineering, (ICCE08) Malaysia*

Mansour Zuair, Aghus Safwan, "Object Tracking With Multiple Fixed Cameras Using Motion Estimation Algorithm", International Seminar on Industrial Informatics 2009

Y.A. Reyad, A. El-Zaart, H. Mathkour, H. Als Salman and **M. Al-Zuair**. "An Image Segmentation Approach based on Log-Normal Distribution" *IEEE 2010*

International Conference on Intelligent Network and Computing (ICINC 2010),
Nov. 26-28, 2010. Malaysia.

Y. A. Reyad, A. El-Zaart, H. Mathkour, **M. Al-Zuair**, and H. Als Salman
"Segmentation of Fibro-Glandular Discs in Digital Mammograms Using Log-
Normal Distribution", IEEE International Conference on Data Engineering and
Internet Technology, 2011.Indonesia.

Abdul Malik Rahhal, **Mansour Zuair**, Mohsin Iftikhar, "Performance Evaluation of
Novel Scheduling Algorithm for G/M/1 Queuing System with Multiple Classes of
self-similar Traffic input", IEEE Canadian Conference on Electrical and Computer
Engineering, IEEE CCECE 2011.

M. Iftikhar, Abdul Malik Rahaal and **Mansour Zuair**, "On the provisioning of
guaranteed QoS in wireless internet with self-similar traffic input based on G/M/1
queuing system and limited service polling model", international conference on
network and electronics engineering Singapore 2011.

Mohsin Iftikhar, **Mansour Zuair**, Abdul Malik, Bacheer Rahhal, Mohamad Rahal,
Javid Taheri, Albert Zomaya and Bjorn Landfeldt, "The Implementation of Novel
Idea of Translation Matrix to Maintain QoS for a Roaming User Between
Heterogeneous 4G Wireless Networks" in proc. of IEEE P2MNet (LCN), 21-25th
of oct. 2012, Clearwater Beach, Florida, USA

Mohamad Mahmoud Al Rahhal, Yakoub Bazi, Naif Alajlan **Mansour Abdulaziz Al
zauir**, Saad Haj Bakry. "Semi-Automatic classification of ECG signal with Extreme
Learning Machine'. ICEIC (International Conference on Electronics, Information
and Communication) Singapore January 28-31, 2015.

Mariam Busaleh, Muhammad Hussain, Hatim A. Aboalsamh, **Mansour Zuair**, and
George Bebis," False Positive Reduction in Breast Mass Detection Using the Fusion
of Texture and Gradient Orientation Features", 12th International Symposium, ISVC
2016, Las Vegas, NV, USA, December 12-14, 2016, Proceedings, Part I.

Raqinah Alrabiah, Muhammad Hussain, Hatim A. Aboalsamh, **Mansour Zuair**,
George Bebis, "PH-BRINT: Pooled Homomorphic Binary Rotation Invariant and
Noise Tolerant Representation for Face Recognition Under Illumination Variations",
12th International Symposium, ISVC 2016, Las Vegas, NV, USA, December 12-14,
2016, Proceedings, Part I.

Electronic Circuit Simulation using EWB, a book for Vocational High School, Technical
and Vocational Training Corporation

Books

PCB Design , a book for Vocational High School, Technical and Vocational Training
Corporation

Courses

Logic Design and HDL

Computer Architecture and parallel Processors

Microprocessors & Microcontrollers

Data, Image and Video compression

Discrete Math

Languages

Arabic & English

Awards received

Ideal student for college of computer and Information Sciences 1986

Honored by the 9th National Conference for Computers hosted by ministry of Interior