

Curriculum Vitae

Personal Information:

Name: Yazeed Ahmad Al-Sbou
Place and Date of Birth: Jordan, 28/01/1974
Nationality: Jordanian
Current Address: Software Engineering Department
Faculty of Information Technology
The World Islamic Sciences and Education University
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Education Background

- **PhD** in Computer Engineering, Sheffield Hallam University, Sheffield, United Kingdom, 2006. Thesis Title: “Quality of Service Assessment and Analysis of Wireless Multimedia Networks.”
- **MSc.** in Electrical Engineering/Telecommunications Engineering, University of Jordan, Amman, Jordan, 2001. Thesis Title: “End-point Detection of Arabic Speech Based on End-words Properties.”
- **B.Sc.** in Electrical Engineering/ Telecommunications Engineering, Mutah University, Al-Karak, Jordan, 1997.
- **Secondary School:** Ja'far Ibn Abi Taleb Secondary School, Al-Karak, Jordan, 1991.

Professional Experience

- 10/2025 - Present: Dean of Scientific Research, The World Islamic Sciences and Education University, Amman, Jordan. (Sabbatical Leave).
- 09/2018 – 08/2020: Dean of Research and Graduate Studies, Applied Science University, Bahrain. (Sabbatical Leave).
- 09/2016 – 08/2018: Vice Dean, Deanship of Scientific Research, Mutah University, Al-Karak, Jordan.
- 09/2015 – 9/2016: Vice Dean, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 09/2013 – 09/2015: Head of the Computer Engineering Department, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 09/2014 – 09/2015: Dean Assistant for Academic Affairs, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 06/2011 – 09/2011, Researcher (DAAD Postdoc Sponsorship), Technical University of Kaiserslautern, Kaiserslautern, Germany.

- 07/1999 – 09/2002: Communications Engineer, Jordanian Civil Aviation, Queen Alia International Airport, Amman, Jordan
- 01/1998 – 02/1999: Electrical Engineer, Jordanian Cement Factories Company.
- 04/1997 – 04/1998: A Trainee Communications Engineer at Jordan Telecom.
- 07/1996 – 08/1996: Hellwan University, Cairo, Egypt (University Undergraduate Training).
- 06/1996 – 07/1996: Jordan Telecom (University Undergraduate Training).

Teaching Experience

- 10/2025 - Present: Professor, Software Engineering Department, Faculty of Information Technology, The World Islamic Sciences and Education University, Amman, Jordan. (Sabbatical Leave).
- 09/2020 – 10/2025: Professor, Computer Engineering Department, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 09/2018 – 08/2020: Professor, Computer Science Department, Faculty of Art and Science, Applied Science University, Bahrain. (Sabbatical Leave).
- 10/2017 – 08/2018: Professor, Computer Engineering Department, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 10/2012 – 9/2017: Associate Professor, Computer Engineering Department, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 04/2007 – 9/2012: Assistant Professor, Computer Engineering Department, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 09/2008 – 06/2010: Part-Time Lecturer, Arab Open University, Jordan.
- 09/2005 – 06/2006: Lecturer, Faculty of Art, Computing, Engineering and Science (ACES) at Sheffield Hallam University, Sheffield, United Kingdom.
- 09/2002 – 09/2003: Lecturer, Communications Technology Department, College of Communication and Electronics, Jeddah, Saudi Arabia.

Committees and Responsibilities

- 10/2025 - Present: Member of the Deans Council, The World Islamic Sciences and Education University, Amman, Jordan. (Sabbatical Leave).
- 10/2025 - Present: Member of the University Promotion Committee, The World Islamic Sciences and Education University, Amman, Jordan.
- 10/2025 - Present: Vice Chair of the University Research Council, The World Islamic Sciences and Education University, Amman, Jordan.
- 10/2025 - Present: Member of the University Accreditation Journals and Conferences Committee, The World Islamic Sciences and Education University, Amman, Jordan.
- 10/2025 - Present: Chair of the Editorial Committee of the Al-Meazan Journal, The World Islamic Sciences and Education University, Amman, Jordan.
- 10/2025 - Present: Chair of the Editorial Committee of the Al-Mithqal Journal, The World Islamic Sciences and Education University, Amman, Jordan.

- 10/2025 - Present: Chair of the Editorial Committee of the Al-Mishkat Journal, The World Islamic Sciences and Education University, Amman, Jordan.
- 09/2024 – 10/2025: Member of the Faculty of Engineering Executive Board, Representative of the Computer Engineering Department, Mutah University, Al-Karak, Jordan.
- 09/2020 – Present: Chair of the Research Committee, Computer Engineering Department, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 09/2020 – Present: Chair of Promotion Committees, Computer Engineering Department and Faculty of Engineering, Mutah University, Al-Karak, Jordan
- 09/2020 – Present: Member of the Graduate Studies Committee, Computer Engineering Department, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 09/2020 – Present: Member of the Curriculum Committee, Computer Engineering Department, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 04/2007 – Present: Member of the Computer Engineering Department Council, Mutah University, Al-Karak, Jordan.
- 04/2007 – Present: Students Advisor, Computer Engineering Department, Mutah University, Al-Karak, Jordan.
- 09/2023 – 09/2024: University Council, Member, Faculty of Engineering Representative, Mutah University, Jordan.
- 09/2020 – 09/2021: Chair of Promotion Committee, Faculty of Engineering, Mutah University, Al-Karak, Jordan
- 09/2020 – 09/2022: Member of the Faculty of Engineering Executive board and Representative of the Computer Engineering Department, Mutah University, Al-Karak, Jordan.
- 09/2018 – 08/2020: Dean of Research and Graduate Studies, Applied Science University, Bahrain.
- 09/2018 – 08/2020: University Council, Member, Applied Science University, Bahrain.
- 09/2018 – 08/2020: Quality and Accreditation Council, Member, Applied Science University, Bahrain.
- 09/2018 – 08/2020: University Management Committee, Member, Applied Science University, Bahrain.
- 09/2018 – 08/2020: University Promotion Committee, Member, Applied Science University, Bahrain.
- 09/2018 – 08/2020: University Budget and Planning Committee, Member, Applied Science University, Bahrain.
- 09/2018 – 08/2020: University Research and Innovation and Research Ethics Committee, Member, Applied Science University, Bahrain.
- 09/2018 – 08/2020: University Learning and Teaching Committee, Member, Applied Science University, Bahrain.
- 09/2018 – 08/2020: University Internationalization and Partnership Committee, Member, Applied Science University, Bahrain.
- 09/2018 – 08/2020: University Academic Standards and Examination Committee, Member, Applied Science University, Bahrain.

- 09/2018 – 08/2020: Member of QS Stars University Committee, Achieving advanced results in criteria related to: Teaching, Internationalization, Inclusiveness, and Bahrain Social Responsibility, Employability and Research. Applied Science University, Bahrain.
- 09/2018 – 08/2020: Member of the Preparing Committee for the Webometrics Ranking, Applied Science University, Bahrain.
- 09/2018 – 08/2020: Member of the Team for Preparing Applied Science University Applications for the Bahrain Quality Assurance (BQA), Applied Science University, Bahrain.
- 09/2018 – 08/2020: Member of the Team for Preparing Applied Science University applications for the National Qualification Framework (NQF), Applied Science University, Bahrain.
- Chair of the Scientific Committee of the International Conference on Innovation, Technology, Enterprise and Entrepreneurship (ICITEE), Applied Science University, Bahrain, 24th -25th November, 2019.
- Member of the Organizing Committee of the International Conference on Innovation, Technology, Enterprise and Entrepreneurship (ICITEE), Applied Science University, Bahrain, 24th -25th November, 2019.
- 03/2017: Member of the Accreditation Committee of the Computer Engineering Program at AlHusain Ibn Talal University in accordance with the Jordanian Accreditation Board, Higher Education Accreditation Commission.
- 9/2016 – 08/2018: Vice Dean, Deanship of Scientific Research, Mutah University, Al-Karak, Jordan.
- 9/2016 – 08/2018: Member of the Editorial Board of Mutah University Natural and Applied Sciences Journal.
- 09/2015 – 9/2016: Vice Dean, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 09/2015 – 9/2016: Head of the Graduate Studies Committee, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 09/2015 – 08/2016: Faculty of Graduate Study Council Member, Mutah University, Al-Karak, Jordan.
- 04/2007 – Present: Head and Member of different Committees at Computer Engineering Department, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 2013 – 2015: Head of the Computer Engineering Department, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 2013 – 2015: Industrial Engineering Department Council Member, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 2013 – 2015: Member of the Graduate Studies Committee, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 2013 – 2015: Member of the Graduate Studies Committee, Industrial Engineering Department, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 2010 – 2011: Quality Assurance and Control Committee Member, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 2009 – 2010: Curriculum Renewing Committee, Computer Engineering Department, Mutah University, Al-Karak, Jordan.

- 2009 – 2010: Computer Engineering Department Council Secretary, Faculty of Engineering, Mutah University, Al-Karak, Jordan.
- 2008 – 2009: Member of the Faculty of Engineering Executive board and Representative of the Computer Engineering Department, Mutah University, Al-Karak, Jordan.
- Editorial Board Member and Reviewer in several scientific journals in the fields of computer engineering and telecommunications.
- Reviewer for several scientific local and international conferences in the fields of computer engineering and telecommunications.
- Supervising Master Student's Theses, Cybersecurity and Cloud Computing Master Program, Computer Engineering Department, Mutah University, Al-Karak, Jordan.
- Participating as a Head or as a member of more than 30 MSc student's theses defense committees in several Jordanian Universities.
- Supervising BSc Student's Graduation Projects, Computer Engineering Department, Mutah University, Al-Karak, Jordan.
- Member of the projects that are funded by the European Union (Tempus projects, Erasmus and Erasmus Plus Projects etc).
- Team Member of the Job JO Project Coordinated by Mutah University (ERASMUS Plus Project) funded by the European Union.
- Member of the committees for preparing and developing On-line courses using the E-learning system at Mutah University/Jordan and Applied Science University, Bahrain.
- Member of the Committee for Supplying, Installing, Operating, and Receiving of several tenders, like:
 - Electronic Gates, Mutah University, Al-Karak, Jordan.
 - Wireless Network Project, Mutah University, Al-Karak, Jordan.
 - Computer Networks Infrastructure and Data Center Project, Mutah University, Al-Karak, Jordan.
- Member of the organizing committee for a number of local meetings, seminars, and workshops.

Honors and Awards

- **Post Doc**, Research Stay for University Academics and Scientists in Germany (Post Doctorate), German Academic Exchange service (**DAAD**) Sponsorship at the Technical University of Kaiserslautern, Germany, 13th June – 13th September, 2011.
- **Ph.D.** Graduate Student Scholarship, Mutah University, Jordan, to pursue PhD study in Computer Engineering in the UK, 2003-2006.
- Undergraduate Student Scholarship (**B.Sc.**), Jordan Ministry of Higher Education and Scientific Research, 1992-1997.

Research Interests

- Wired and Wireless Computer Networks Performance Evaluation
- Quality of Service (QoS) Analysis and Assessment of Computer Networks
- Image Processing and Image Denoising
- Routing in Wireless Computer Networks
- Fuzzy Logic

- Neural Networks Applications
- Speech Processing
- Simulation and Modeling
- Multimedia Transmission/Reception over Telecommunications Networks
- Cognitive Networks
- Cloud Computing
- Cybersecurity
- Artificial Intelligence
- Computer Networks Security
- Cryptography

List of Publications

- **Book Chapters**

Ayyash, M. and **Al-Sbou, Yazeed A.** (2015). Introduction to Mobile Ad-hoc and Vehicular Networks. Book Chapter in: Wireless Sensor and Mobile Ad-Hoc Networks Vehicular and Space Applications. ISBN 978-1-4939-2468-4. Published by Springer.

Ayyash, M. and **Al-Sbou, Yazeed A.** (2012). Cross-layer Design for Cognitive Radio Networks. A chapter in the "Cognitive Radio and Interference Management: Technology and Strategy" book. Published by the IGI Global Publisher.

- **Journal Publications**

Yazeed Al-Sbou, 2020, Wireless Networks Performance Monitoring Based on Passive-active Quality of Service Measurements, International Journal of Computer Networks & Communications (IJCNC), 6(12), pp. 15-32.

Yazeed Al-Sbou, 2020, Nonlinear Autoregressive Recurrent Neural Network Model for Quality of Service Prediction, International Journal of Recent Technology and Engineering (IJRTE), 8(6), pp. 4762- 4770.

Abdel-Haleem Abdel-Aty, Heba Kadry, Mohammed Zidan, **Yazeed Al-Sbou**, EA Zanaty, Mahmoud Abdel-Aty, (2020), A quantum classification algorithm for classification incomplete patterns based on entanglement measure, Journal of Intelligent & Fuzzy Systems, 38(3), pp. 2809-2816.

Mohammed Zidan, Abdel-Haleem Abdel-Aty, Mahmoud El-shafei, Marwa Feraig, **Al-Sbou, Yazeed**, Hichem Eleuch, Mahmoud Abdel-Aty, (2019), Quantum Classification Algorithm Based on Competitive Learning Neural Network and Entanglement Measure, Journal Applied Sciences, 9(7), pp. 1277.

Mohammed Zidan, Abdel-Haleem Abdel-Aty, Duc Manh Nguyen, Ahmed SA Mohamed, **Al-Sbou, Yazeed**, Hichem Eleuch, Mahmoud Abdel-Aty, (2019), A quantum algorithm based on entanglement measure for classifying Boolean multivariate function into novel hidden classes, *Journal of Results in Physics*, 15, pp. 102549.

Mohamed Torky, Aboul ELLa Hassanein, Ahmed H El Fiky, **Al-Sbou, Yazeed**, (2019), Analysing Space Debris Flux and Predicting Satellites Collision Probability in LEO Orbits based on Petri Nets, *IEEE Access*, 7, pp. 83461- 83473.

Saleh Saraireh, Jaafer Al-Saraireh, **Al-Sbou, Yazeed**, Mohammad Saraireh, (2018), A Hybrid Text-Image Security Technique, *Journal of Theoretical & Applied Information Technology*, 96(9)

Al-Sbou, Yazeed. (2017). "Optimizing Image Compression Using Singular Value Decomposition Based on Structural Similarity Index." *International Journal on Communications, Antenna and Propagation (IRECAP)*.

Al-Sbou, Yazeed. (2017). "Nonlinear Autoregressive Recurrent Neural Network Model for Solar Radiation Prediction." *International Journal of Applied Engineering Research (IJAER)*.

Al-Sbou, Yazeed. (2017). "Quality of Service Estimation of Multimedia Transmission Using Nonlinear Autoregressive Exogenous Model." *JJEE*, 3(1): 49-63.

Saraireh, Saleh, **Al-Sbou, Yazeed**, Al-saraireh, Ja'afar and Alsmadi, Othman. (2014). "Image Encryption Scheme Based on Filter Bank and Lifting" *International Journal of Communications, Network and System Sciences (IJCNS)*, 7 (1),

Saraireh, Saleh, Saraireh, Mohammad and **Al-Sbou, Yazeed**, (2013). "Secure Image Encryption Using Filter Bank and Addition Modulo 2^8 with XOR Combination" *International Journal of Computer Science and Security (IJCSS)*, 7(2),

Al-Sbou, Yazeed A. (2012). Artificial Neural Networks Evaluation as an Image Denoising Tool. *World Applied Sciences Journal (WASJ)*, 17 (2): 218-227.

Al-Sbou, Yazeed A. (2012). A Novel Approach Quality of Service Monitoring of Mobile Ad Hoc Networks. *Middle East Journal of Scientific Research (MEJSR)*, 11(7): 934-942, 2012.

Al-Sbou, Yazeed A. (2012). Probing Packets Efficiency and Effectiveness on Network Performance and Measurements. *Journal of Information and Computing Science (JIC)*, 7(2); 143-150.

Matarneh, Aser M. and **Al-Sbou, Yazeed A.** (2012). New Investigation of Image Transmission Using Radio over Fiber System. *Journal of Trends in Applied Sciences Research*. 7(12): 758-767.

Al-Sbou, Yazeed A., Jamal N. Bani Salameh, and Hani Q. Al-Zoubi (2012). A New Quality of Service Measurement Technique Using Neural Networks. *International Review on Computers and Software (IRECOS)*.

Bani Salameh, Jamal N., Al-Zoubi, Hani Q., **Al-Sbou, Yazeed A.** (2012). A novel Multicast Routing Protocol for Ad Hoc Networks. *European Journal of Scientific Research*.

Al-Sbou, Yazeed A. (2010). Fuzzy Logic Estimation System of Quality of Service for Multimedia Transmission. *International Journal of Quality of Service Issues in Networking (IJQoSIN)*, 1(1).

- **Conference Publications**

Saoud, L. S., Ayyash M., Singh A. and **Al-Sbou, Y.**, “On the Robustness Limits of Trust-Based Fusion in Multi-Agent Systems Under Adversarial Attacks. “Submitted to the *2026 IEEE World Forum on Public Safety Technology*, Boulder, CO, United States, September 21-24, 2026.

Al-Sbou, Yazeed A. (2019). Quality of Service Monitoring of Wireless Networks Based on Combined Active-Passive Measurements. *The International Conference on Innovation, Technology, Enterprise and Entrepreneurship (ICITEE)*, Applied Science University, Bahrain, 24th - 25th November, 2019.

Ayyash, M. A., and **Al-Sbou, Yazeed A.** (2013). An Integrated Quality of Service Module to Support a Cross-Layer Framework in Cognitive Radio Networks. *The 8th Jordanian International Electrical and Electronics Engineering Conference (JIEEEEC 2013)*. 16th -18th April 2013, Amman, Jordan.

Ayyash, M. A., and **Al-Sbou, Yazeed A.** (2012). Towards a Cross-Layer Framework for Quality of Service Provisioning in Cognitive Radio Networks. *5th International Conference on Communications, Computers and Applications (MIC-CCA2012)*, Istanbul, Turkey, October, 2012.

Al-Sbou, Yazeed A., Saatchi, R., Al-Khayatt, S., Strachan, R., Ayyash, M., Saraireh M. (2008). A Novel Quality of Service Assessment of Multimedia Traffic over Wireless Ad Hoc Networks. *The 1st IEEE International Workshop on Future Multimedia Networking (IEEE FMN'08) in the Second International Conference on Next Generation Mobile Applications, Services, and Technologies (IEEE NGMAST'08)*. 479-484. September 17th - 18th 2008. Cardiff, Wales, UK.

Ayyash, M. A., Alzoubi, K. M., **Al-Sbou, Yazeed A.** (2006). Preemptive Quality of Service Infrastructure for Wireless Mobile Ad Hoc Networks.

The International Conference on Wireless Communications and Mobile Computing (IWCMC'06), 707-712. Vancouver, British Columbia, Canada, ISBN:1-59593-306-9

Al-Sbou, Yazeed A., Saatchi, R., Al-Khayatt, S. and Strachan, R. (2006). Quality of Service Assessment of Multimedia Traffic over Wireless Ad Hoc Networks. *The Fifth International Symposium on Communication Systems, Networks and Digital Signal Processing (CSNDSP2006)*, 129-133. University of Patras, Patras, Greece. ISBN: 960-89282-0-6.

Al-Sbou, Yazeed A., Saatchi, R., Al-Khayatt, S. and Strachan, R. (2005). A Comparative Study of Sampling Methods for the Measurement of QoS Parameters. *The Postgraduate Research Conference on Electronics, Photonics, Communications & Networks, and Computing Science (PREP'05)*, 38-39. University of Lancaster, Lancaster, UK.

Al-Sbou, Yazeed A., Saatchi, R., Al-Khayatt, S. and Strachan, R. (2005). Sampling Methods Evaluation for the Measurement of QoS Parameters. *The 1st International Conference on Internet Technologies and Applications (ITA05)*, University of Wales, NEWI, Wrexham, UK. ISBN: 0-94688-132-4.

Al-Sbou, Yazeed A., Saatchi, R., Al-Khayatt, S. and Strachan, R. (2005). Estimation of the Distributions of the QoS Parameters Using Sampled Passive Measurements Techniques. *The 2nd International Conference on E-Business and Telecommunication Networks (ICETE05)*, (1) 324-329. Reading, UK. ISBN: 972-8865-33-3.

Journals Reviews and Conferences TPC

- Chair of the Editorial Committee of the Al-Meazan Journal, The World Islamic Sciences and Education University, Amman, Jordan.
- Chair of the Editorial Committee of the Al-Mithqal Journal, The World Islamic Sciences and Education University, Amman, Jordan.
- Chair of the Editorial Committee of the Al-Mishkat Journal, The World Islamic Sciences and Education University, Amman, Jordan.
- Elsevier Journal of Electrical and Computer Engineering
- Springer Journal of Ambient Intelligence and Humanized Computing
- Technology: Current Trends, Computer Science and Technology
- Jordan Journal of Electrical Engineering (JEE).
- Mosharakah Journals and Conferences.

- The 2010 IEEE Symposium on Industrial Electronics and Applications (ISIEA 2010), Penang, Malaysia, October, 2010.
- The 2011 IEEE Symposium on Industrial Electronics and Applications (ISIEA 2011), Langkawi, Malaysia, September, 2011.
- The 2011 IEEE Wireless Communications and Networking Conference (IEEE WCNC 2011), Quntana-Roo, Mexico, March, 2011.
- Mosharaka International Conference on Communications and Signal Processing (MIC-CSP2012), Barcelona, Spain, April, 2012.
- The 2012 IEEE Colloquium on Humanities, Science and Engineering Research, Kota Kinabalu, Malaysia, December, 2012.
- The 2012 IEEE Student Conference on Research and Development, Penang, Malaysia, December, 2012.
- The 2013 IEEE Business Engineering and Industrial Applications Colloquium (IEEE BEIAC 2013), Langkawi, Malaysia, April, 2013.
- Workshop Cloud Computing Issues and Trends, Science and Information Conference, London, UK, October, 2013.
- The 1st International Conference on Computer Science and Engineering (MIC-Computing 2013), Amman, Jordan, August, 2013.
- The 2014 IEEE Colloquium on Humanities, Science and Engineering (CHUSER), Penang, Malaysia, April, 2014.
- The 2014 International Colloquium of Art and Design Education Research (i-cader2014), Penang, Malaysia, April, 2014.
- The first International Postgraduate Colloquium on Science and Technology (IPCOST), Universiti Teknologi MARA, Penang, Malaysia April, 2014.
- The 2014 International Conference on Computational Intelligence and Communication Networks (CICN 2014), Bhopal, India, November, 2014.
- The 2014 International Symposium on Regional Art, Design and Humanities (ISRADH 2014), Sutera Beach Resort, Kota Kinabalu, Malaysia from 28th September to 1st October, 2014.
- The 2014 IEEE Symposium on Business, Engineering and Industrial Applications (ISBEIA 2014), Kota Kinabalu, Malaysia, 28th September to 1st October, 2014.

- Irish Conference on Artificial intelligence and Cognitive Science (AICS 2016), University College Dublin, Dublin, 20th - 21st September, 2016.
- The 2017 International Conference on Computing Intelligence and Information System (CIIS2017) Nanjing, China, April 21-23, 2017.
- The 2017 International Conference on Wireless Communications, Networking and Applications, shenzhen, China, 7th– 9th June 2017,
- The 2017 International Conference on Electronic Industry and Automation [EIA2017], Suzhou, China, June 23rd-25th, 2017.
- The 2017 International Conference on Cloud Technology and Communication Engineering [CTCE2017] Guilin, China, August 18th-20th, 2017.
- The 3rd Annual 2017 International Conference on Electronics, Electrical Engineering, Guangzhou, Guangdong, China, September 8th -10th, 2017.

Activities Attended

- The 21st International Wireless Communications & Mobile Computing Conference (IWCMC 2025), 12–16 May 2025, Marriott Hotel Downtown, Abu Dhabi, UAE.
- Workshop on “Unpacking Bibliometrics & Boosting Citations” in cooperation with the Knowledge E, Higher Education Council, Kingdom of Bahrain, 9th January, 2020.
- Workshop on “Enhancing Governance of the Scientific Research” in cooperation with the American Association for the Advancement of Science (AAAS), Higher Education Council, Kingdom of Bahrain, 16th – 20th June, 2019.
- Workshop on “The Secrets of Scientific Publishing”, Applied Science University, Kingdom of Bahrain, 7th June 2019
- The Second Scientific Conference for University Students, Applied Science, University, Kingdom of Bahrain, 18th April, 2019
- Workshop on “Art of Article Scientific Writing for Successful Publishing”, Applied Science University, Kingdom of Bahrain, 31st of March 2019.
- Workshop on Call for Research Projects Proposals Funding, Applied Science University, Kingdom of Bahrain, 28th February 2019
- Workshop on “Creating a Research Culture at ASU”, Applied Science University, Kingdom of Bahrain, 11th December, 2018
- Higher Education Cooperation Day, National Erasmus+ office – Jordan, Amman, 26th October, 2016.
- Participating in several workshops regarding "Erasmus Plus International Mobility." Organized by the National Erasmus Plus Office, Amman-Jordan,

- The 9th National Technology Parade, Al-Ahliyya Amman University, Amman, Jordan, 4th May, 2016.
- The 8th National Technology Parade, Jordan University, Amman, Jordan, 30th April, 2015.
- Higher Education Cooperation Day, National Erasmus+ office – Jordan, Amman, 8th December, 2014.
- The 7th National Technology Parade, Yarmok University, Irbid, Jordan, 1st April, 2014.
- The 8th Jordanian International Electrical and Electronics Engineering Conference (JIEEEEC 2013). 16th -18th April 2013, Amman, Jordan.
- The 5th International Conference on Communications, Computers and Applications (MIC-CCA2012), Istanbul, Turkey, October, 2012.
- The 1st IEEE International Workshop on Future Multimedia Networking (IEEE FMN'08) in the Second International Conference on Next Generation Mobile Applications, Services, and Technologies (IEEE NGMAST'08). September 17th - 18th, 2008. Cardiff, Wales, UK.
- The Fifth International Symposium on Communication Systems, Networks and Digital Signal Processing (CSNDSP2006), 2006, University of Patras, Patras, Greece.
- The Postgraduate Research Conference on Electronics, Photonics, Communications & Networks, and Computing Science (PREP'05), 2005, University of Lancaster, Lancaster, UK.
- The 1st International Conference on Internet Technologies and Applications (ITA05), 2005, University of Wales, NEWI, Wrexham, UK.
- The 2nd International Conference on E-Business and Telecommunication Networks (ICETE0, 2005, Reading, UK.

Supervision

- Supervision of several MSc student Theses.
- Supervision of undergraduate student's graduation projects.

Projects

- Quality of Service (QoS) assessment and analysis of computer networks.
- Speech Signal Processing: 'End-points Detection of Arabic Speech Based on End-Words Properties.'
- Microcomputer Architecture Using 8600 Microprocessor and Interfacing with the Real World.
- Design and Operation of Traffic Lights Using Microcomputer by Assembly Language.
- Design and Implementation of many Electronic circuits of practical applications.

Teaching Activities (Taught Courses)

- Wireless Computer Networks
- Simulation and Modeling for Computer Engineering Department students.
- Simulation and Modeling for Industrial Engineering Department students.
- Computer Organization and Design

- Computer Networks
- Microprocessor Design
- Telecommunications and Data Transmission
- Digital Logic Design
- Computer Skills I
- Computer Skills II
- Electronic Circuits and Devices
- Automatic Control
- Digital Signal Processing
- Antennas and Wave Propagation
- Microwave Engineering
- Electric Circuits
- Mathematics II
- Probabilities and Statistics
- Computer Networks Lab
- Antennas Lab
- Telephony Lab
- Electric Circuit Lab
- Computer Interface Lab
- Computer Architecture Lab
- Microprocessor Lab
- Digital Logic Lab
- Electronics Lab
- Graduation Projects Supervision
- Students Training Supervision

Computer Skills

- Expert Knowledge of all computer skills
- Software Packages: Matlab, Orcad, Mathematica, Network Simulator-2 (ns-2), and Electronic Workbench (EWB).
- Operating Systems: Windows (All versions).

Languages

- Arabic: Native language
- English: Excellent commands
- German: Fair

Associations

- Member, the Jordanian Engineers Association since 1997.

References

- Professor Ghassan Aouad, Chancellor of Abu Dhabi University, UAE, ghassan.aouad@adu.ac.ae
- Professor Moussa Ayyash, Chicago State University, USA, mayyash@csu.edu

- Dr. Samir Alkhayatt, Sheffield Hallam University, United Kingdom,
s.alkhayatt@shu.ac.uk