

Dr. Saad Ahmed Qazi

Meritorious Professor of Electrical Engineering,
Dean, Faculty of Electrical and Computer Engineering,
PI, Neurocomputation Lab, National Centre of Artificial
Intelligence
NED University of Engineering and Technology,
University Road, Karachi, 75270, Pakistan

+92 21 99261261 ext. 2390 (Office)

saadqazi@neduet.edu.pk

Nationality: Pakistan

Memberships: IEEE, PEC, IEP

HEC Approved Supervisor

Work experience (Academic and Administrative)

2015 – date **Dean, Faculty of** Electrical and Computer Engineering, NED University
2020 – date **Meritorious Professor**, Department of Electrical Engineering, NED University
2018 – date **PI, Neurocomputation Lab, National Center of Artificial Intelligence**
2010 – 2014 **Chairman**, Department of Electrical Engineering, NED University
2010 – 2020 **Professor**, Department of Electrical Engineering, NED University
2012 – 2016 **Director QEC / MR ISO**, NED University
2010 – 2012 **Secretary Advanced Studies & Research Board**, NED University
2008 – 2010 **Co-Chairman**, Department of Electrical Engineering, NED University
2007 – 2010 **M.Engg. Coordinator**, Department of Electrical Engineering, NED University
2007 – 2010 **Deputy Management Representative** (Quality Management Cell), NED University
2007 – 2010 **Associate Professor**, Department of Electrical Engineering, NED University
2002 – 2007. **Assistant Professor**, Department of Electrical Engineering, NED University
2002 – 2002 **Lecturer**, Department of Electrical Engineering, NED University

Academic Qualifications

2006 **Ph.D.** – in the area of Intelligent Algorithms and Signal Processing from Brunel University, U.K.
2002 **M.Sc.** – Digital Signal Processing Applications in Communication Systems, Lancaster University, U.K. –
 Distinction.
2001 **B.E.** – Electrical Engineering, NED University, Karachi, Pakistan. – Third Position.

Major Academic, Industrial and Consultancy Projects

- Co-PI, Neurofeedback: A technology enabled system to improve brain performance of healthy individuals and mentally impaired patients, HEC NRPU, **2022**, PKR 8.56 million
- Co-PI, De-burdening healthcare support via fully automated point-of-care screening process for diabetic retinopathy”, HEC NRPU, **2022**, PKR 4.7 million
- Co-PI, Pakistan-UK Higher Education Links: Exploring Invisible Diversity in the City of Lights, British Council, **2022**, PKR 1.9 million
- Co-PI, Technology enabled Performance Monitoring and Virtual Digitization of CPEC Infrastructure for Sustainable Maintenance Decision Making”, HEC CPEC CPRG, **2021**, PKR 36.9 million
- Co-PI, Bringing Urdu in Digital Age, Anjuman Taraqqi Urdu Pakistan, **2022**, PKR 1.2 million
- Institutional lead, Assessing introduction and impact of TCV into routine immunization in GAVI eligible African and Asian Countries, Role: AKU Sub-recipient, **2021**: PKR 14.5 million
- PI, EV Systems Development, Industrial Funded Project, AI Mobility and Green Energy (AIM-GE) LLC, USA, **2021**, PKR 6.967 million
- PI, Development Project of IoT Circuit for Electrical BLDC fans, Funding Industry: Tamoor Fans Company (TFC), Gujrat, Pakistan, **2021**, PKR 1.15 million
- Co-PI, CONSOLE: Machine Vision based Industrial Inspection System for Quality Assurance, HEC TTTSF, **2021**, PKR 9.001 million
- Co-Investigator, Seismic Assessment & Retrofitting of a Major Hospital in Karachi, HEC NRPU, **2021**, PKR 11.4 million – Role: Technology development
- Lead Consultant, COVID-19 GIS based Intelligent Decision Support System for Province of Sindh, World Bank, **2020**, PKR 6.4 million
- PI in Neurocomputation Lab - National Center for Artificial Intelligence **2019-2022** (HEC – Rs. 70 million)
- Co-Investigator, Capacity Building for Technology Intervention in Healthcare – CoNTINuE – **2019-2020**, GCRF, UK Funded: GBP 178,000 (PKR 34.710 million) – Role: Technology development and Data Analytics
- Multi-Stage Data Augmentation Framework for Low Resource Languages for Automatic Speech Recognition, Funding, MOST, Rs. 3.0 million, **2021**, Role - Supervisor
- Enabling hyper parameter optimization for deep learning applications in speech recognition, Funding, MOST, Rs. 3.0 million, **2021**, Role - Supervisor
- Co-PI, Car health and Risk Management, FS Technology Solutions (Pvt) Ltd., PKR 943,250/-, **2020**
- Focal Person NED – NIC Karachi – **2018** (Ignite Funding of Rs. 575 million, Lead partner LMKT)
- PI, Thar Karachi Student Mobility Campaign for reducing Carbon footprint – HEC Social Integration Program – **2018** (HEC Funding PKR. 0.45 million)
- Design and Development of Smart Energy Efficient Fan, (HEC TDF **2018** – PKR 10.2 million)
- Hybrid Speech Recognition of Out-of-Vocabulary Words, 2018 (PKR 1.0 million) – Role: Supervisor
- Automatic Segmentation of Speech through Boundary Detection of Phonemes, 2016 – (PKR 1.0 million) – Role: Supervisor
- Development of Audio Content based Search techniques, 2011 (PKR 5.092 million) – Role: Supervisor
- Flexible Low Noise Amplifier for Software Defined Radio, 2010 (PKR 8.533 million) – Role: Co-Supervisor

Other Projects:

- Deployment of co2smart.neduet.edu.pk
- Development of e-bulletin dashboards
- Online fee transactions module integrated with banks
- Online Research Publications Portal Dashboards
- Online Projects Information Portal
- Online Students Feedback Management System
- Undergraduate Semester System Regulations
- Online Undergraduate Semester Registration System
- Online QMS Document Management System
- 36 KW Solar Project for Department of Electrical Engineering
- 70 KW Solar Project for Department of Mechanical Engineering
- International Design Competition – Ashraf Cartoon & Animation 2022

Scientific, Technical and Administrative Committees

- Member, President's Committee on Emerging Technologies in IT Sector, Pakistan
- Member IEEE, USA
- HEC National Curriculum Revision Committee Member for BE Electrical Engineering
- HEC Curriculum Committee Member for B.Tech. Electrical Engineering.
- NTS Curriculum Committee Member for Electrical Engineering.
- PEC Expert for Electrical Engineering.
- NED member of Senate, NED University.
- NED member of Syndicate, NED University.
- NED Advanced Studies and Research Board Member, NED University.
- NED Committee on Carbon Neutral Campus
- Expert Member in Selection Board DHA Suffa University, Karachi
- NED Board of Review Member, NED University.
- Board of Faculty Member of Electrical and Computer Engineering, NED University.
- Board of Faculty Member of Engineering, DHA Suffa University.
- Board of Studies Member of Electrical Engineering, NED University.
- Board of Studies Member at PAF KIET, Karachi
- Ph.D. Review Committee, Hamdard University Karachi, for Engr. Dur e Jabeen
- Ph.D. Review Committee, PAF KIET, Karachi for Engr. Affan Aleem

Awards/ Scholarships/Training/Mobility

- KE KHI Awards, Sustainability and Environment, 2021
- 17th Annual Environmental Excellence Award, NFEH, 2020
- National Representation at Wuhan Higher Education Expo, April 2018
- German Center for Artificial Intelligence, Staff Mobility, May 2017
- Korean Knowledge Exchange Program, Establishment of Green campuses, 2015
- HEC – British Council Training on Leadership at Nottingham University, UK, 2015
- Internal Quality Auditors Training by LRQA
- Intellectual Property Workshop in collaboration with USAID
- HEC Best University Teacher Award, 2008
- Overseas Research Scholarship, Universities UK, for PhD at Brunel
- Lancaster University Scholarship, for MSc.
- NED University Merit Scholarship.

Creative Contributions

Design of centennial year (100) logo of NED University of Engineering and Technology alongside Dr. Tufail, Dr. Noman, Dr. Shabbar, and Dr. Asad ur Rehman, 2019



Drafting of Vision and Mission Statements of NED University of Engineering and Technology through consultative process, 2015 and 2017

Editor NED University Annual report 2016-17



Editor NED University Annual report 2017-18



Editor NED University Annual report 2018-19



Editor NED University Annual report 2019-20



Editor NED University Annual report 2020-21



Writer – Documentary on NED University “A tale of 100 years – An enchanted Legacy”

<https://youtu.be/GtWcmGmSMe4>

Conferences organized

- Convener, 7th International Electrical Engineering Conference, IEEC 2022, 25-26 March 2022
- General Chair, IEEE 18th International Conference on Smart Communities, 11-13 October, 2021
- Convener, 6th International Electrical Engineering Conference, IEEC 2021, 8th April 2021
- Convener, 5th International Electrical Engineering Conference, IEEC 2020, 21-22 Feb 2020
- Convener, 4th International Electrical Engineering Conference, IEEC 2019, 25-26 January 2019
- Convener, 34th All Pakistan IEEEEP Students Seminar, 15th January 2019
- Conference Chair, 1st international Conference on Carbon Neutral Built Environment, December 20-21, 2018
- Convener, 1st International Conference on 4th Industrial revolution (IC4IR), 1-2 August 2018
- Convener, 3rd International Electrical Engineering Conference, IEEC 2018, 9-10 Feb 2018
- Convener, 2nd international Electrical Engineering Conference, IEEC 2017, 19-20 May 2017
- Convener, 1st International Electrical Engineering Conference, IEEC 2016, 13-14 May 2016

PhD supervision

- Supervisor of Dr. Mirza Muhammad Ali Baig, PhD Title: Automatic Segmentation of Speech, **Awarded in 2017**
- Co-Supervisor of Dr. Sana Arshad, PhD Title: Flexible Low-Noise Amplifiers for Software-Defined Radio, **Awarded in 2017**
- Supervisor of Engr. Muhammad Javed, PhD Title: Automatic Segmentation of Speech through boundary detection of phonemes, **Awarded in 2021**
- Co-Supervisor of Engr. Danish Mujib, PhD Title: The mechanism of combined neuromodulatory approaches: implications towards treatment of central nervous system disorders **Awarded in 2021**
- Supervisor of Engr. Uzma Perveen, PhD Title: Hybrid Speech recognition of Out -of-Vocabulary (OOV) words, expected PhD Defense in 2022
- Supervisor of Engr. Muhammad Omar, PhD Title: Enabling Hyper-parameters Optimization for deep learning application in Speech recognition, expected PhD Defense in 2022
- Supervisor of Engr. Syed Muhammad Zahid, PhD Title: Multi-Stage Data Augmentation Framework for low Resource languages for Automatic Speech Recognition, expected PhD Defense in 2022

PhD Theses examined

- Ayesha Adil Khan, An Image Processing Algorithm to Pre-process, Segment, Classify and Grade Liver Cancer: Hepatocellular carcinoma (HCC) Type, Department of Electronic Engineering, NED University of Engineering and Technology, **2020**
- Ubaida Fatima, Fuzzy Social Network Analysis Techniques and Applications in Business Intelligence, Department of Computer Science, NED University of Engineering and Technology, **2020**

- Haryanti Norhazman, Characterization of Binaural Beats Entrained Mental States of Stressed Subjects Using EEG Frontal Energy Ratio and KNN Classifier, Universiti Teknologi MARA, Malaysia, **2019**
- Salman Zafar, Robust/Optimal Control of Minimum-Phase Nonlinear Systems, National University of Science and Technology, **2018**
- Nabeel Ali Khan, Cross-term Suppression in Wigner Distribution, Muhammad Ali Jinnah University, **2011**

Masters Theses supervision

- Kanwal Masroor, Deep Learning based detection of Personal Protective Equipment (PPE) compliance to improve Occupational Health and Safety, **2021**
- Syed Wali Abbas Rizvi, An Investigation into the Application of end-to-end Machine Learning Algorithm for Non-intrusive Load Monitoring, **2021**
- Nabeel Fayyaz, "Holistic Urdu Word Recognition Using Deep Neural Network", **2018**
- Sarah Waheed Khwaja, "Framework for Speech Synthesis", **2017**
- Syed Muhammad Rashid Hussain, titled "Relevance of various State-of-Art Speech Signal Processing Techniques in the field of Speech Technology", **2017**
- Bilal Din, "Earthing system design for Electrical Department's protection and computer labs", **2015**
- Ashhad Shahid, "Joint Time-Frequency Filtering of Non-Stationary Signals", **2014**
- Almas Rani, titled "Synchronization of Power System Data with GIS Maps", **2013**
- Saba Mannan, "Line to Ground Fault Study of KESC EHT Transmission Network", **2013**
- Fezan Rafique, "Development of GIS Based Power Utility Monitoring Tool", **2013**
- Junaid Qureshi, "Hybrid Energy Integration System for improving Electrical Power situation in Pakistan", **2013**
- Zareen Tabassum, Design and Implementation of Watermarking Algorithm based on Wavelet Coefficients, **2013**
- Hassan ul Haque, titled "Design and Simulation of PMU as per IEEE Standard C37.118.1-2011", **2012**
- Muhammad Omar, titled "Pre-processing Algorithms for Speech Recognition Systems", **2012**
- Neelam Arshad, "Developing Unit Commitment Algorithm Considering National Power Constraints", **2011**
- Mariam Gul, "Modelling Pakistan's Power Sector Policies by Demand and Supply Forecasting", **2011**
- Amna Khalid, "The Study of Proper Placement Selection and Sizing of Roof Top Wind Turbines for Local Household Electricity Generation", **2011**
- Fahim ul Haque, titled "Video Motion Estimation and Compensation", **2009**
- Majida Shabbir, "FFT spectrum analyzer with tri-step zooming", **2009**
- Amna Shabbir, "Improving Space Time diversity using LMS based interference cancellers", **2009**
- Uzma Afsheen, "Instantaneous Frequency Estimation of Non-Synchronized and Non-Stationary EMG Signals", **2007**

Technical Interests

Digital Signal Processing, Data Analytics, Intelligent Systems, Education Management, Environment, Energy and Healthcare

Book

M. Hashir, M. Kazmi, H. R. Khan, S. A. Qazi, STEM and DIY Robotics Curriculum, A Teachers' Manual, 2020

Book Chapter

Qazi S.A, Muhammad Ali, et.al, Chapter: Establishment of Energy Efficient (Green) University Campuses, Book: Economic Development and Managerial Efficiency of Pakistan, 78-89-8063-967-0, 2016

Research Publications

1. R Uddin, M Affan, A Arfeen, J Ryu, SA Qazi, Low Frequency Transparency Analyses of Passivity Based Approaches for Two - Channel Teleoperation Architectures, International Journal of Control, Automation and Systems, Springer, 20, 220–231, <https://doi.org/10.1007/s12555-020-0456-z>, 2022.
2. Mustafa A, Kazmi M, Khan HR, Qazi SA, Lodi SH. Towards a Carbon Neutral and Sustainable Campus: Case Study of NED University of Engineering and Technology. Sustainability; 14(2):794. <https://doi.org/10.3390/su14020794>, 2022.
3. Abdul Momin Kazi, Nazia Ahsan, Waliyah Mughis, Saima Jamal, Raheel Allana, Mehreen Raza, Sahrish Muneer, Muhammad Ayub Khan Mughal, Hussain Kaleemuddin, Fareeha Sameen, Rao Moueed Ahmed, Munir Abbasi, Lampros K. Stergioulas, Saad Ahmed Qazi; Usability and Acceptability of a Mobile App for Behavior Change and to Improve Immunization Coverage among Children in Pakistan: A Mixed-Methods Study. Int. J. Environ. Res. Public Health, 18(18), 9527, <https://doi.org/10.3390/ijerph18189527>, 2021.
4. Sameen, F., Kazi, A. M., Kazmi, M., Abbasi, M. A., Qazi, S. A. et al. Improving Routine Immunization Coverage Through Optimally Designed Predictive Models. CMC-Computers, Materials & Continua, 70(1), 375–395, <https://doi.org/10.32604/cmc.2022.019167>, 2021.
5. Mujib, M.D., Hasan, M.A., Qazi, S.A. et al. Understanding the neurological mechanism involved in enhanced memory recall task following binaural beat: a pilot study. Experimental Brain Research, <https://doi.org/10.1007/s00221-021-06132-6>, 2021
6. Khan, H.R.; Kazmi, M.; Ashraf, H.B.; Hashir Bin Khalid, M.; Hasan, A.; Qazi, S.A. An Isolated Power Factor Corrected Cuk Converter with Integrated Magnetics for Brushless DC Ceiling Fan Applications. Electronics, 10, 1720, <https://doi.org/10.3390/electronics10141720>, 2021

7. Uddin, R.; Shaikh, A.J.; Khan, H.R.; Shirazi, M.A.; Rashid, A.; Qazi, S.A. Renewable Energy Perspectives of Pakistan and Turkey: Current Analysis and Policy Recommendations. *Sustainability*, 13, 3349. <https://doi.org/10.3390/su13063349>, 2021.
8. M. Kazmi, F. Yasir, S. Habib, M. S. Hayat, and S. A. Qazi, "Photometric Ligature Extraction Technique for Urdu Optical Character Recognition", *Eng. Technol. Appl. Sci. Res.*, vol. 11, no. 6, pp. 7968–7973, <https://etasr.com/index.php/ETASR/article/view/4596>, 2021.
9. Muhammad Masood Rafi, Sarosh Hashmat Lodi and Saad Ahmed Qazi, Dynamic Testing of Seismic Resistant Cob Structure for Post-Earthquake Reconstruction, *Journal of Earthquake Engineering*, 25:6, 1009-1030, DOI: 10.1080/13632469.2018.1531092, 2021
10. HR Khan, MA Hasan, M Kazmi, N Fayyaz, H Khalid, SA Qazi, A Holistic Approach to Urdu Language Word Recognition using Deep Neural Networks, *Engineering, Technology & Applied Science Research* 11 (3), 7140-7145, <http://etasr.com/index.php/ETASR/article/view/4143>, 2021
11. MA Hasan; A Vuckovic; SA Qazi; Z Yousuf; S Shahab; M Fraser, Immediate effect of neurofeedback training on the pain matrix and cortical areas involved in processing neuropsychological functions, *Neurological Sciences*, <https://doi.org/10.1007/s10072-021-05125-1>, 2021
12. Abul Hasan, Hashim Raza Khan, Hira Shahid, SA Qazi, Mathew Fraser, Distinguishing Voluntarily Upregulation of Localized Central Alpha from Widespread Posterior Alpha. *Applied Psychophysiology and Biofeedback* 46, 183–194 (2021). <https://doi.org/10.1007/s10484-021-09511-5>, 2021
13. M Gamil, Abul Hasan, Alexandra Vuckovic, Matthew Fraser, Saad Ahmed Qazi, Efficacy evaluation of neurofeedback applied for treatment of central neuropathic pain using machine learning. *SN Appl. Sci.* 3, 746. <https://doi.org/10.1007/s42452-021-04714-1>, 2021
14. S Wali, MH ul Haq, M Kazmi, SA Qazi, An End-to-End Machine Learning based Unified Architecture for Non-Intrusive Load Monitoring, *Engineering, Technology & Applied Science Research*, 11 (3), 7217-7222, <http://etasr.com/index.php/ETASR/article/view/4142>, 2021
15. Muhammad Abul Hasan; Aleksandra Vuckovic; Parisa Sattar; SA Qazi; Brain Networks with Modified Connectivity in Patients with Neuropathic Pain and Spinal Cord Injury, *Clinical EEG and Neuroscience*, <https://doi.org/10.1177/15500594211051485>, 2021
16. Bilal Ahmed Usmani, Mustafain Ali, Muhammad Abul Hasan, Amna Rehana Siddiqui, Sameen Siddiqi, Aaron G Lim, Saad Ahmed Qazi, The Impact of Disease Control Measures on the Spread of COVID-19 in the Province of Sindh, Pakistan, *PLoS ONE*, 16(11): e0260129, <https://doi.org/10.1371/journal.pone.0260129>, 2021
17. Sumaira Khalid, Bilal Ahmed Usmani, Sobiya Sawani, Rubab Fatima Naqvi, Syeda Wajiha Naqvi, Saad Ahmed Qazi, Increased odds of COVID-19 mortality with baseline comorbid chronic conditions in six districts of karachi: A preliminary analysis of a large provincial database; 24-27 October 2021, APHA 2021 Annual Meeting and Expo, Denver USA, <https://apha.confex.com/apha/2021/meetingapp.cgi/Paper/512602>, 2021

18. Syeda Hafsa Ahmed, Mehwish Raza, Syeda Shajeeha Mehdi, Inshal Rehman, Majida Kazmi, Saad Ahmed Qazi, Faster RCNN based Vehicle Detection and Counting Framework for Undisciplined Traffic Conditions, IEEE 18th International Conference on Smart Communities: Improving Quality of Life Using ICT, IoT and AI (HONET), 11-13 October, 2021, pages 173-178, <https://ieeexplore.ieee.org/abstract/document/9615466>, 2021
19. Abul Hasan, Danish Mujeeb, Osama Eijaz, SA Qazi, Machine Learning and Validity of Binaural Beat Protocols: Trainability and Interpretability, 30th World Congress on Neurology and Cognitive Neuroscience, February 24-25, 2020 London, UK.
20. Javed, M., Baig, M.M.A. & Qazi, S.A. Unsupervised Phonetic Segmentation of Classical Arabic Speech Using Forward and Inverse Characteristics of the Vocal Tract. Arab J Sci Eng 45, 1581–1597, <https://doi.org/10.1007/s13369-019-04065-5>, 2020
21. Kazi AM, Qazi SA, et. al., Current Challenges of Digital Health Interventions in Pakistan: Mixed Methods Analysis, J Med Internet Res ;22(9):e21691, <https://www.jmir.org/2020/9/e21691>, DOI: 10.2196/21691, 2020
22. M. Kazmi, A. Aziz, H. R. Khan, S. A. Qazi and L. K. Stergioulas, "Resource-Efficient Image Buffer Architecture for Neighbourhood Processors," *IEEE Access*, vol. 8, pp. 181964-181975, <https://doi.org/10.1109/ACCESS.2020.3025344>, 2020
23. Kazi AM, Qazi SA, et. al., A Randomized Controlled Trial (RCT) to evaluate the role of a AI based personalized smartphone application to improve childhood Immunization coverage and timelines among children in Pakistan- Protocol: a mixed-methods study, JMIR Research Protocol, 9(12):e22996, <https://www.researchprotocols.org/2020/12/e22996>, DOI: 10.2196/22996, PMID: 33274726, 2020
24. MA Hasan, M Fraser, SA Qazi, Quantitative Criteria for Validation of Electroencephalogram Neurofeedback Training Protocol: A Pilot Study on Neuropathic Pain, NED University Journal of Research 16 (4), September 2019
25. M.M. Rafi, S.H. Lodi, S.A. Qazi, Kumar A and Verjee F, Seismic response of reduced scale stone masonry building, Proceedings of the Institution of Civil Engineers – Structures and Buildings 171(7): 528–541, 2018.
26. Uddin, Muhammad Hammad; Qazi, Saad Ahmed, Impact of Uninterruptible Power Supply Charging on Electricity Demand - A Study for Karachi, Pakistan, NED University Journal of Research. Mar 2017, Vol. 14 Issue 2, p25-33. 9p.
27. M. Ali Baig, Qazi S. A., Bilal Kadri, Discriminative Training for Phonetic Recognition of the Holy Quran, Arabian Journal for Science and Engineering, DOI: 10.1007/s13369-015-1693-y, June 2015,
28. Zareen Tabassum, Arshad Aziz, Majida Kazmi, Saad Ahmed Qazi, A Robust Wavelet Based Digital Image Watermarking Technique Using FPGA, Mehran University Research Journal of Engineering & Technology, Volume 34, No.1, January, 2015
29. Muhammad Masood Rafi, Sarosh Hashmat Lodi, Saad Ahmed Qazi, Shaking Table Testing of Reduced Scale Stone Masonry building, International Conference on Structural Engineering, Cinnamon Grand Hotel, Columbo, Sri Lanka; August 2015

30. Gul, M., Zahoor, D., Qazi, S. A., A Case For Incorporating Residential Forced Demand Response As Demand Side Management For Power Sector, Thematic Issue on Energy, NED Journal of Research, pp. 53-60, 2012.
31. Aman, M. M., Ahmed, Q., Qazi, S. A., Digital Directional and Non-Directional over Current Relays: Modelling and Performance Analysis, NED Journal of Research, Vol. VIII, No. 2, pp. 0-85, 2011.
32. M Gul, S.A. Qazi, W. Qureshi, Incorporating Economic and Demographic Variables for Forecasting Electricity Consumption in Pakistan, 2nd International Conference on Electric Power and Energy Conversion Systems (EPECS), pp 1-5, UAE, 15-17 November 2011.
33. Khan, N.A., Jafri, M. N., Qazi, S. A., Improved Resolution Short Time Fourier Transform, International IEEE Conference on Emerging Technologies, 5-6 September, 2011, pp-141-143 Islamabad, Pakistan.
34. Gul M., Qazi S., Power Generation through Human Mobility employing Sliding Magnet Generator, ICREGA'10 conference, 8-10 March, 2010, Al-Ain, UAE.
35. Amjad, F., Qazi, S., EGPRS based design solution for Tariff Transparency Issue in Mobile Number Portability, International Conference on Modeling, Simulation and Control, 2 – 4 November, 2010, Cairo, Egypt.
36. Qazi S., Afsheen U., Study of Non-Synchronized EMG Epochs Using A Simple Synchronizing Mechanism In Time Domain, 3rd International Symposium on Communications, Control and Signal Processing (ISCCSP), 12-14 March, 2008, Malta.
37. Qazi S., Afsheen U., Stergioulas L.K., Blazeovich A., Instantaneous frequency-based study of the effects of physical training on muscle fiber recruitment strategy, IEEE International Conference on Signal Processing and Communication, 24-27 November, 2007, Dubai, United Arab Emirates, pp. 612-615.
38. Qazi S. A., Georgakis A., Stergioulas L. K., Interference suppression in the Wigner distribution using fractional Fourier transformation and signal synthesis, IEEE Transactions on Signal Processing, Volume 55, Issue 06, 2006, pp: 3150-3154, Jun 2007. (Impact Factor: 2.335)
39. Qazi, S. A., Stergioulas L. K., Fractional Fourier Transform based Blind Cross-Term Detection and signal synthesis in Wigner Distribution, Mediterranean Journal of Electronics and Communications, Vol. 3, No. 3, pp. 93-99, July 2007.
40. Ayoubian S., Qazi S., Stergioulas L. K., Ramchun A., Bunce D.; Wavelet Filtering of the P300 Components in Evoked Related Potentials, In Proceedings of the 28th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'06 - IEEE EMBS 2006), August 30 - September 3, 2006, New York City, New York, USA, ISBN: 14244-0033-3, pp. 1719-1722.
41. Qazi S. A., Stergioulas L. K.; Blind Interference Reduction in Wigner Distributions using the Fractional Fourier transform; In Proceedings of the 5th International Symposium on Communication Systems, Networking and Digital Signal Processing (CSNDSP 2006), Patras, Greece, 19-21 July 2006, pp. 718-721.
42. Georgakis A., Qazi S. A., Stergioulas L. K.; Detection and Elimination of Interference Terms in the Wigner Distribution; In Proceedings of the 5th International Symposium on Communication Systems, Networking and Digital Signal Processing (CSNDSP 2006), Patras, Greece, 19-21 July 2006, pp. 735-738.

43. Qazi S.A., Stergioulas L.K., Higher Order Nested Wigner Distributions: Properties and Applications, IEEE Transactions on Signal Processing, Volume 54, Issue 12, 2006, pp: 4662-4674, Dec. 2006. (Impact Factor: 2.335)
44. Qazi S. A., Ayoubian S., Stergioulas L. K., Time-Frequency and Time-Frequency Coherence Correlates of Change Blindness - Using Wigner Distributions, WSEAS Transactions on Biology and Biomedicine, vol. 2, no. 3, ISSN 1109-9518, <http://www.wseas.org>, pp. 290-294, Jul 2005.
45. Qazi S. A., Ayoubian S., Stergioulas L. K.; Time-Frequency and Time-Frequency Coherence Correlates of Change Blindness; In Proceedings of International Conference on Applied Electronics (AE 2005), pp. 277-280, Czech Republic. Aug 2005.
46. Markazi, S.A.; Qazi, S.A.; Stergioulas, L.K.; Study of Change Blindness EEG Synchronization using Wavelet Coherence Analysis; In Proceedings of the 27th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'05 - IEEE EMBS 2005), 01-04 Sept., 2005 pp: 5995 – 5998.
47. Qazi S. A., Stergioulas L. K.; Nested Wigner Distributions and their application to signal separation; In Proceedings of 4th International Conference on Communication Systems, Networking and Digital Signal Processing (CSNDSP 2004); pp. 533-536, Newcastle-upon-Tyne, U.K., Jul 2004.
48. Qazi S. A., Stergioulas L. K.; Application of Nested Wigner Distributions to Radar Signal Analysis; In Proceedings of London Communications Symposium (LCS 2004), University College London, Sep 2004.
49. Qazi S. A., Stergioulas L. K.; First order Nested Wigner Distributions for tone estimation and signal separation; In Proceedings of International Conference on Applied Electronics (AE 2004), pp. 182-185, Czech Republic, Sep 2004.
50. Coulton P., Khirallah C., Qazi S.; Increasing the Spectral Efficiency in a Fixed Point-to-point Microwave Radio System using Multiple Antenna Arrays; In Proceedings of the IEE Colloquium on DSP Enabled Radio; Institute for System Level Integration, Livingston, UK. 22nd-23rd September 2003. pp. 1-9. Paper 2B.4.
51. Khirallah C., Coulton P., Qazi S., Zein N.; Applying Spatial Diversity to a Fixed Point-to-point Microwave Radio System; In 3rd Annual Postgraduate Symposium on the Convergence of Telecommunications, Networking and Broadcasting; Liverpool John Moores University, Liverpool, UK. 2003. pp. 256-258.