

CV

Dr. Abdulbaset H. T. M. Altuhami

BSc, MSc, PhD

Personal Information

- **Place of Birth:** Ghadames.
- **Date of Birth:** 1968.
- **Nationality:** Libyan.
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Educational Qualification

Institution:

B.Sc. Communication Engineering

Communication Engineering Department

Faculty of Electronics Engineering, Beni-Walid, Libya.

Period: 1986-1990

Educational Qualification

Institution:

M.Sc. Telecommunications Engineering

Department of Networked Systems and Services

Faculty of Electrical Engineering and Informatics

Budapest University of Technology and Economics, Budapest, Hungary.

Period: 1998-2000

Educational Qualification

Institution:

Ph D. in Networking

School of Computing, Informatics and Media, Faculty of Engineering and Informatics, University of Bradford, Bradford, United Kingdom.

Period: 2007-2010

PhD thesis entitled "Localised Routing Algorithms in Communication Networks with Quality of Service Constraints"

The degree was performed at the department, Networks and Performance Engineering (NetPEn) research group supervised by Prof. Michael E. Woodward. Currently the research group at the faculty of Engineering and Informatics in communications and Networks Research Unit.

The research group is focusing on the design and development of new networking architectures and associated protocols, centre specialises such as network Quality of Services and Network routing algorithms for various Performance Modelling and Evaluation Applications.

This degree was conferred at the University of Bradford degree ceremony held on 19 July 2011.

Work Experience

Period: 2014 – Present

- Faculty of Information Technology, University of Tripoli, Tripoli, Libya

Period: 1995 - 2013

- Higher Institute of sciences and Technology – Ghadames, Libya

Research Interests

- Performance Modelling and Evaluation in Computer and Communication Networks
- Efficient Quality of Service Routing Algorithms
- Energy Saving in ICT Networks
- Performance Modelling and Evaluation in Wireless Networks

Publications

He published conference papers and journals in his field some of them are available electronically in IEEEXPLORE and GOOGLESCHOLAR cited by 28. He recently has two new papers in preparation waiting for publishing.

International Journals

- A. H. Mohammad, "A New Localized Network based Routing Model in Computer and Communication Networks". International Journal of Computer Networks and Communications vol. 3, no. 2, pp 146 – 163, March 2011.
- A. H. Mohammad, "A New Localized Call Admission Control Algorithms in Communication Networks with Quality of Service Constraints". International Journal of Computer Science and Network Security vol. 10, no. 11, pp 125 – 131, November 2010.

International Conferences

- A. H. Altuhami, S. M. B. Zahed. "An Energy Efficient Approach for Topology Management in Large Scale Computer Networks". Libyan International Conference on Electrical Engineering and Technologies, LICEET, March 2018.
- S. M. B. Zahed, A. H. Altuhami. "Non-Sensing Based Spectrum Handoff Modelling in Cognitive Radio Networks". Libyan International Conference on Electrical Engineering and Technologies, LICEET, March 2018.
- A. H. Mohammad, M. E. Woodward. "Localized QoS Routing and Admission Control for Congestion Avoidance". Proceedings of International Conference on Complex, Intelligent and Software Intensive Systems, CISIS, IEEE Press February 2010.
- A. H. Mohammad, M. E. Woodward. "Localized QoS Routing and Admission Control: Performance Evaluation", Proceedings of the 6th International Conference on Innovations on Information Technology, IEEE Press, December 2009.
- A. H. Mohammad, M. E. Woodward. "Effects of Topology on the Performance of Localized QoS Routing Algorithms", Proceedings of the International Symposium on Performance of Computer and Communication Systems, SPECTS, IEEE Press, July 2009.
- A. H. Mohammad, M. E. Woodward. "Localized Quality Based QoS Routing", Proceedings of the International Symposium on Performance of Computer and Communication Systems, SPECTS, IEEE Press, June 2008.