

Curriculum Vitae

Yahya Elsharef Ali

Contact Information

mobile +218915024671

E-mails: y.ali@uot.edu.ly

Gender: Male

Date of Birth: Aug. 17th, 1978.

Place of Birth: Tripoli, Libya.

Marital status: Married.

Nationality: Libyan.



Biography Summary

I am a lecturer assistant the department of Electrical and Electronic Engineering –University of Tripoli. I joined University of Tripoli as an academic staff member in 2010.

My research interest involves physical and media-access control (MAC) layers of telecommunication systems, information theory and signal processing, with primary focus on wireless communications, Data communications and optical transmission such as, for physical layer, I am concerned with multiple access (OFDMA, CDMA), Forward Error Correction Coding and iterative Decoding, Adaptive Coding and Modulation, MIMO-OFDM and currently Massive MIMO, Radio access network planning and optimization, WCDMA, HSPA, LTE and LTE advanced .

I received my degrees (B.Sc. and M.Sc.) from University of Tripoli, Faculty of Engineering, Tripoli- Libya in 2003 and 2009, respectively.

Academic Qualification

- | | |
|------|--|
| 2009 | Tripoli University, Faculty of Engineering, Tripoli, Libya
M.Sc. in Electrical Engineering, |
| 2003 | Tripoli University, Faculty of Engineering, Tripoli, Libya
B.Sc. Electrical Engineering (Electronics and Communications), |

Academic Experience

- Teaching of Electrical Engineering courses since 2010 till now:
 - EE200 Fundamental of EE.
 - EE202 Electrical Networks.
 - EE302 Signals and systems.
 - EE316 Communication Eng.I
 - EE416 communication Eng. II.
 - EE524 Data communication and networking
 - EE311, EE421, EE521 Communication Lab.
- Supervising a number of BSc. Projects for designing of wireless networks.

Selected Publications

1. Hamdan, Tamir T.M.; Sigiuk, Hasein Isa; Omar, Yahya M, “Reduction of handoff search phase time in IEEE 802.11 WLAN to fulfill real time services requirements”; Telecommunications, 2009. ICT '09. IEEE International Conference on 25-27 May 2009 Page(s):346 – 351.
2. Yahya M. Omar, Hasein Isa Sigiuk, , “Improving TCP Throughput Stability in Wireless Multi-Hop Ad Hoc Networks” The 3rd IEEE International Conference on Signals, Circuits and Systems (SCS'09), Jerba, Tunisia 6-8 November 2009.
3. Yahya M. Omar Hasein Isa Sigiuk; "Reduction of TCP Instability in Multi-Hop IEEE802.11 Ad Hoc Networks" The 16th IEEE International Conference on Electronics, Circuits and Systems “ICECS 2009”, Hammamet, Tunisia 13-16 December, 2009
4. Ali A. S. Ihbeel, Hasein I. Sigiuk† and Yahya S. Omar" Performance Evaluation of Ad Hoc Routing Protocols in WSNs Under Different Traffic Models" International Conference on Electrical and Computer Engineering (ICECE2013), Benghazi, Libya, 2013