



**SLIMAN KA. A. YAKLAF**

He was born on the 1<sup>st</sup> July 1959 in Jado, Libya

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**Education:**

- Intermediate Education. He completed his primary, preparatory, and secondary from Jado school.
- University Education. He received his degree of Bachelor of Science, specializing in Telecommunication from Electronics Engineering, Beniwallid, Libya.
- Higher Education. He holds an MSc degree in Telecommunication from University Putra Malaysia (UPM) , faculty of computer and Communication engineering. 2000.

**Courses and Training:**

- Technical Training at TecQuipment International Limited (England), 1979.
- Technical Training at Robert Bosch GMBH, Television System Division (Germany), 1980.
- Technical training at Electrotechnical Factory TESLA (Czechoslovakia), 1981.
- System Engineering Course at College for Electrical Engineering (Hungary), 1987.
- Training Course on Fiber Optical Technology, Tripoli, 2001.

**Researching Area:**

His research activities on wireless ATM, computer networks protocols and mobile telecommunications since 2000.

**Teaching Courses:**

He taught Digital Communication, Mobile Communication, Computer Networks, High speed Networks, Digital Systems, Data Communication, Electronics.

**Supervision:** He supervised several graduated projects for Higher Diploma and Bachelor Students.

**Previous Jobs** : He was a head of Examination Dept. for more than seven years at Faculty of Engineering. Azzaytuna University, Tarhuna- Libya.

**Currently**, He is Assistant Professor at Faculty of Engineering, and he is a head of Electrical and Electronics Department, Azzaytuna University, Tarhuna-Libya.

## **Publications**

1. Sulaiman K. Yakhlef , Borhanuddin Mohd. Ali, Sabira Khatun, Ashraf Gasim, and Mohamed Habaebi. "**DLC Layer Performance for Wireless ATM**" MICC and ISCE'99 Proc. Nov. 1999, Melaka, Malaysia.
2. Sulaiman K. Yakhlef, Borhanuddin Mohd. Ali, V. Parkash, Sabira Khatun, and Ashraf Gasim. "**Comparison of GBN and SR ARQ Schemes for Wireless ATM**". IWTS2000 Proc. May 2000, Shah Alam, Malaysia.
3. Sulaiman K. Yakhlef, Borhanuddin Mohd. Ali, V. Parkash, Sabira Khatun, and Ashraf Gasim. "**Data Link Control Layer Performance for Variable Packet Size and Fixed Packet Size (Wireless ATM Packet)**". TENCON2000 Proc. September 2000, Kuala Lumpur, Malaysia.
4. Sulaiman K. Yakhlef, Borhanuddin Mohd. Ali, V. Parkash, Sabira Khatun, and Ashraf Gasim. "**Data Link Control Layer Performance for Variable Packet Size and Fixed Packet Size (Wireless ATM Packet)**". IEEE Xplore, Digital Library, Digital Object Identifier : [10.1109/TENCON.2000.892298](https://doi.org/10.1109/TENCON.2000.892298), German National Library of Science and Technology.
5. Sulaiman K. Yakhlef, Amer R. Zerek, Ashraf Al-shafee and Mohamed Al-taiari. "**Error Control Scheme for Transmission Impairments**". First Minia Conference on Investment in Technology, 9-10 April 2007, Minia, Egypt.
6. Sulaiman K. Yakhlef and Amer R. Zerek. "**Simulation Codes for Timer and Location Area Based Update/Paging Strategies for WATM**". First Minia Conference on Investment in Technology, 9-10 April 2007, Minia, Egypt.
7. Sulaiman K. Yakhlef, Amer R. Zerek, and Hind B. Bouraoui. "**The Cell Coverage Prediction Models for Mobile Cellular Environment**". First Minia Conference on Investment in Technology, 9-10 April 2007, Minia, Egypt.

8. Sulaiman Khalifa Yakhlef and Mousa Hamdan. “ *Simulation of Location Management Strategies of Timer, Location Area, and Movement Based Update/Paging for Wireless Networks*”. *TAECE2013 International conference, Mevlana University and SDIWC, Konya, Turkey, May 9-11, 2013*. ISBN: 978-1-4673-5611-4 ©2013 IEEE. Pages 597-601.
9. Essam Ayiad Ashebany, Sulaiman Khalifa Yakhlef, and A. R. Zerek. “*Calculate Path Loss in Transmitter in Global System Mobile By Using Hata Model and Walkfish Ikegami*”. CEIT13 International conference, Sousse, Tunisia, June 04-07, 2013.
10. Sulaiman Khalifa Yakhlef, “**Forward Error Correction Scheme for Wireless Networks**” *Azzaitouna University Journal, Seventh Issue, Second year, Summer 2013*. Pages 48-57.
11. Sulaiman Khalifa Yakhlef and Mousa Hamdan. “ *Simulation of Location Management Strategies of Timer, Location Area, and Movement Based Update/Paging for Wireless Networks*”. IEEE Xplore. Digital Object Identifier: 10:1109/TAECE2013.6557342.
12. Sulaiman Khalifa Yakhlef, Ismail Shrena, and Nasaraldian Ambark Shashoa." **Simulation of Internet Connectivity for Mobile Ad Hoc Networks in Network Simulator-2**". *International Journal of Engineering and Innovative Technology (IJEIT) Volume 3, Issue 4, October 2013*. Pages 253-257.
13. Meftah M. Almrabet, Sulaiman Khalifa Yakhlef, and Latfia A. Enamroud. " **Simulation of GSM Planning and Optimization with MATLAB**". 3rd International Conference on Systems and Control (**ICSC'13**}, October 29-31, 2013, Algiers, Algeria.
14. Sulaiman Khalifa Yakhlef, Meftah M. .Almrabet, and Latfia A. Enamroud. " **Simulation of Global System for Mobile Planning and Optimization with MATLAB**" 14th international conference on Sciences and Techniques of Automatic control & computer engineering - STA'2013 Sousse, Tunisia, December 20-22, 2013. 978-1-4799-2953-5/13 ©2013 IEEE, pages 515 – 519.
15. Amer Ali Ammar, Mohamed K. Jalboub, and Sulaiman Khalifa Yakhlef, " **INVESTIGATION AND SIMULATION OF CODE DIVISION MULTIPLE ACCESS NETWORK**". 14th international conference on Sciences and

Techniques of Automatic control & computer engineering - STA'2013 Sousse, Tunisia, December 20-22, 2013. 978-1-4799-2953-5/13 ©2013 IEEE.

16. Nasar Aldian Ambark Shashoa, Adel Saad Emhemmed, and Sulaiman Khalifa Yakhlef. "**Fault Detection Based on Two-Stage Recursive Least Squares Parameter Estimation**". 14th international conference on Sciences and Techniques of Automatic control & computer engineering - STA'2013 Sousse, Tunisia, December 20-22, 2013. 978-1-4799-2953-5/13 ©2013 IEEE, pages 382 – 387.
17. Sulaiman Khalifa Yakhlef , Nasar Aldian Ambark Shashoa, Mohamed Jalboub, and Said A. Elgandus "**Nonlinearity Amplifier Effects on QPSK Technique**". The Second International Conference on Technological Advances in Electrical, Electronics and Computer Engineering (TAECE2014)" (18 — 20 March 2014). APU, Malaysia. ISBN: 978-0-9891305-4-7 ©2014 SDIWC, pages 174 – 179.
18. Sulaiman Khalifa Yakhlef, Ahmed Altaher Alhamdy, Prakash Veeraraghavan, and Ismail Shrena. "**Simulation of Routing in NAT, PAT and Inter\_VLAN Networks**". The Second International Conference on Technological Advances in Electrical, Electronics and Computer Engineering (TAECE2014)" (18 — 20 March 2014). APU, Malaysia. ISBN: 978-0-9891305-4-7 ©2014 SDIWC, pages 124 – 130.
19. Nasar Aldian Ambark Shashoa, Sulaiman Khalifa Yakhlef, Adel Saad Emhemmed , and Mahmoud. Elfandi. "**A QQ-Plot and its Application to Adaptive Recursive System Parameter Estimation**". The Second International Conference on Technological Advances in Electrical, Electronics and Computer Engineering (TAECE2014)" (18 — 20 March 2014). APU, Malaysia. ISBN: 978-0-9891305-4-7 ©2014 SDIWC, pages 164 – 173.
20. Nasar Aldian Ambark Shashoa, Sulaiman Khalifa Yakhlef, Mansour Ali W. Marei, and Nasser Bashir Ekreem. "**Robust Fault Detection Using QQ-Plot**". Journal of Electrical Engineering (ISSN 2328-2223), Volume 2, Number 2, February 2014 (Serial Number 3), pages 65-74. David Publishing Company. New York, NY 10034, USA.
21. Sulaiman Khalifa Yakhlef, Omar Abusaeeda, and Ismail sherina. "**A Comparison of Dynamic Bandwidth Allocation and Costs for EPON and GPON Technologies**". International Journal of Engineering and Innovative Technology (IJEIT). Volume 4, Issue 7, January 2015. Pages 31 - 35.

22. Sulaiman Khalifa Yakhlef, Nasaraldian Ambark Shashoa, Omar Abusaeeda, and Ismail sherin. " **Machine-to-Machine Communications: Technologies Standardization Activities, and Challenges** ". 2nd International Conference on Automation, Control, Engineering and Computer Science (ACECS-2015) Proceedings of Engineering & Technology (PET). 22-24 March 2015, , Sousse – Tunisia.
23. Sulaiman Khalifa Yakhlef, Nasaraldian Ambark Shashoa, Ismail shrena, and Omar Abusaeeda. "**Properties Evaluation of Proactive, Reactive, and Hybrid Protocols for Mobile ad-hoc Networks**".International Journal of Scientific Research Engineering & Technology (IJSRET), ISSN 2278 – 0882 Volume 4, Issue 3, March 2015. Pages 230 – 235.
24. Saed Sasi, Nasar Aldian Shashoa, and Sulaiman Khalifa Yakhlef. "**Onboard Digital Receiver Architecture and Design of the Phase Radio-Navigation System for Aircraft Blind Landing**".International Journal of Scientific Research in Science, Engineering and Technology ( 2015 IJSRSET ) | Volume 1 | Issue 3 | Print ISSN : 2395-1990 | Online ISSN : 2394-4099, Themed Section: Engineering and Technology. Pages 18 – 21.
25. Mohamed Aburkhiss, Ismail Shrena, Sulaiman Yakhlef, and Abubaker Abushofa. " **Measurement of GPRS Performance over Libyan GSM Networks: Experimental Results**". Journal of Scientific Research in Science, Engineering and Technology ( 2015 IJSRSET ) . 2015 IJSRSET | Volume 1 | Issue 5 | Print ISSN : 2395-1990 | Online ISSN : 2394-4099 Themed Section: Engineering and Technology. Pages 30 – 38.
26. Sulaiman Yakhlef, Abdurrezagh S. Elmezughi, Omar Abusaeeda, Ismail shrena, and Khalifa A. Kosha. " **A Survey On QoS Routing Protocols In Ad-Hoc Networks**". International Conference on Advanced Communications Systems and Signal Processing (ICOSIP'2015), Tlemcen - Algeria, November 8-9, 2015. Pages 510 – 519.
27. Sliman KA. A. Yaklaf, Abdurrezagh S. Elmezughi, Nasser Bashir Ekreem, and Adel A. M. Abosdel. " **Security Routing Protocols in Ad Hoc Networks: Challenges and Solutions** ". International Conference on Recent Advances in Electrical Systems (ICRAES'16). Hammamet – Tunisia, Dec. 20 – Dec.22, 2016. Pages 130 – 135.

28. Sliman KA. A. Yaklaf, Abdurrezagh S. Elmezughi, Nasser Bashir Ekreem, and Adel A. M. Abosdel. “ **Security Issues for Mobile Ad Hoc Networks**”, "8542. Volume 11, Issue 2, (June 2017), Pages 112 - 119.
  
29. Sliman Ka. A. Yaklaf and Khaled S. Tarmissi “**Multi-Carrier Modulation Techniques for Light Fidelity Technology**” 19th international conference on Sciences and Techniques of Automatic control & computer engineering (STA), Sousse, Tunisia, March 24-26, 2019. Pages 76 -79. 978-1-7281-1291-6/19/\$31.00 ©2019 IEEE