




**A) Personal Information : Assoc. Prof. Dr. Eng. Waleed Abdallah Mohammad Awad**

 Ramallah and Al-Bireh branch, AL-Quds Open University (QOU),  
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 [wsalos@qou.edu](mailto:wsalos@qou.edu)  
Nationality Palestinian  
Marital Status Married

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Dr. Waleed Salos is an associate professor at the Technology and Applied Sciences Department at Al-Quds Open University. He obtained his PhD degree in Telecommunications and Information Technology, specializing in wireless communication from Alexandria University in Egypt in 2012. He completed his Master's degree in Electronics and Communications at the Arab Academy for Science and Technology in Egypt in 1998, and the bachelor degree in Electronics & Communication Engineering from the Department of Electrical Engineering at the Arab Academy for Science and Technology in 1995. He worked as Head of the Information and Communication Technology Department at QOU for 4 years (From 2012 to 2016). He is also a member in the Program Council at Al-Quds Open University. He served as a Member in several committees: The Scientific Committee of the International Conference on Information & Communications Technology (ICICT'2012), the committee of the Conference on Using Smart Devices and their Impact on Child Reading (23/5/2015), the committee of the Undergraduate Research and Innovation Conference on Engineering and Information Technology 3-4 April 2016. Dr. Salos Contributed in preparing several project proposals for Erasmus+ projects and took part in mobility training with partner EU universities.

Dr. Salos has excellent organizational and interpersonal skills as well as creative thinking and problem-solving skills. Dr. Salos research interests include: telecommunications, mobile, noise reduction, smart farming and e-learning. He published several research papers in local and international journals.

**B) Education**

<b>PhD.</b>	2008-2012 1. 2.2012	PhD. Studies (Telecommunications and Information Technology),	Alexandria University, Faculty of Engineering. Alexandria, Egypt
<b>M.Sc.</b>	1995 -1998	M.Sc. In Electronics and Communications at the Department of Electrical Engineering at Arab Academy for Science and Technology. Egypt. College of Engineering and Technology,	Arab Academy for Science and Technology. Egypt. College of Engineering and Technology
<b>B.Sc.</b>	1990-1995	Department of Electrical and Computer Engineering. (Electronics & Communication Engineering).	Arab Academy for Science and Technology. Egypt. College of Engineering and Technology

**C) Working Experience:**

1/9/2020 until now	A faculty member at the College of Technology and Applied Sciences	Al-Quds Open University	Ramallah – Palestine
18/6/2019- 1/9/2020	Dean of Technology and Applied Sciences Faculty at QOU	Al-Quds Open University	Technology and Applied Sciences Faculty, AL-Quds Open University (QOU), Al-Bireh, Behind, Plaza Mall, P.O.Box 1804, West Bank, Palestine
2018	Head of Information and Communication Technology Department	Al-Quds Open University	Ramallah Palestine
2016-2018	Field Training Coordinator	Al-Quds Open University	Ramallah Palestine
2012-2016	Head of Information and Communication Technology Department	Al-Quds Open University	Ramallah Palestine
2007-2008	Head of Information and Communication Technology Department	Al-Quds Open University	Ramallah – Palestine
2004-2008	Lecturer for 4 years in Computer Information	Al-Quds Open University	Ramallah – Palestine



	Systems Department		
1999-2004	Part time instructor	Al-Quds Open University	Nablus - Palestine
1999-2004	Palestinian Broadcasting Corporation (PBC).	Computer Network, Computer networks planning and building (LAN, WAN)	Ramallah – Palestine
June 1998 to June 1999	Engineering Soudah Advanced Technologies.	Computer Network and Maintenance	Ramallah – Palestine

**D) Other Activities and Membership:**

- A member in the Program Council at Al-Quds Open University.
- Author in Avicenna Projects.
- A member in the Scientific Research Institute at Al-Quds Open University (QOU).
- Member of Scientific Committee of the International Conference on Information & Communications Technology (ICICT'2012).
- Member of Scientific Committee of the Conference on Using Smart Devices and their Impact on Child Learning (23/5/2015).
- Member of Scientific Committee of the Undergraduate Research and Innovation Conference in Engineering and Information Technology 3-4 April 2016 Palestine Technical University-Kadoorie .
- Training program in Android Mobile Application programming (30 Training Hours), Ramallah, 12/1/2014-5/2/2014.
- ICDL, IC3, Global Digital Literacy Council, 28 May 2008.
- Training program in “Instructional Designing the Textbook,23/6/2012, (18 Training Hours).
- Training program in Semmlabs Software and Scenari/ Opale tools, 21/9/2013-26/9/2013 ( 35 Training Hours).
- Member of Scientific Committee of the Undergraduate Research and Innovation Conference in Engineering and Information Technology 3-4 April 2017 Palestine Technical University-Kadoorie

**F) My research interests include:**

- Security
- E-Learning.
- Mobile Radio Communications.
- Broadband OFDM Communication Systems.
- Adaptive Minimum Bit Error Rate Beamforming.
- Pre-FFT and Post-FFT Beamforming.
- Block Shannon Beamforming.
- Computer Science and Information Security.
- LTE OFDM Communication Systems.
- Natural Language Processing.
- Expert Systems.
- Internet of Things (IoT) for Industrial Applications.

**G) Conferences and workshops:**



- Participated in the 9th Annual ICT Day on: “Technology Enhanced Media”, held at Movenpick Hotel/ Ramallah, in 18/11/2015.
- Participated Conference on “Using Smart Devices and their Impact on Child Learning”, held at Best Eastern Hotel/ Ramallah, in 23/3/2015.
- Participated in the Intelligent Mobility Day – The Way forward (6<sup>th</sup> Annual ICT day) on Nov 18<sup>th</sup>, 2012 in Movenpick Hotel in Ramallah
- Participated in the International Conference on Information & Communications Technology (ICICT'2012)
- Participated in Expotech Technology Conference, Nov. 28, 2011, at Movenpick Hotel Ramallah.
- Participated in Security Day Threats, Challenges and Solutions (5<sup>th</sup> Annual ICT day) September 7, 2011 Ramallah, Movenpick Hotel.
- Participated in Microsoft EXPO IT 2011 Birzeit University, Ramallah, and Palestine.
- Participated in ICT Day, QOU, Ramallah, 30/6/2009.
- Participated in the Conference of Contemporary Administrative Entrances and Trends in the Palestinian and Arab Organizations, Hebron, Palestine, 16-17/12/2008.
- Participated in ICT Day, QOU, Ramallah, 4/3/2008.
- Participated in the Palestinian Universities Conference “Struggle & Development” Organized by QOU, 20.5.2007, Ramallah.
- Participated in the RUFO (TEMPUS) workshop (4) about Open and Distance Education to produce eLearning courses for Palestinian universities, Ramallah, 22/4/2006.
- Participated in ICT Day, QOU, Ramallah, 12/11/2005.
- Participated in a workshop on "developing the quality of examinations in Al-Quds Open University", Hebron, Palestine, 11-12 July 2005.
- Participated in the RUFO (TEMPUS) workshop (1) about Open and Distance Education to produce eLearning courses for Palestinian universities, Ramallah, 17-18/12/2005.
- Participated in the workshops" Producing eLearning courses at QOU for Avicenna virtual campus in the periods 27/6/2005, 1/10/2005, 23/10/2005, and 8/2/2006.
- Participated in the Quality of Palestinian University Education Conference Organized by QOU, 15-17.6.2004, Ramallah.

#### Journal Publications (With Peer Review):

1. Waleed Abdallah, Mohamad Khair, Mos'ab Ayyash and Issa Assad (2018),” Utilization of Advanced Technology in Greenhouse in Palestine from the Perspective of Agronomists ", Dec., **Palestinian Journal of technology and applied science (PJAS), Vol.2, No.1.**
2. Waleed Abdallah, Mohamad Khair, Mos'ab Ayyash and Issa Assad (2018) ,” IoT system to control greenhouse agriculture based on the needs of Palestinian farmers”, **June, Advancing Computing as a Science & Profession (ACM).**
3. Waleed Abdallah, Y. Abuzir and Mohamad Khair (2017), " A Combined Time – Frequency Domain for Minimum Bit Error Rate Beamforming", Dec., **Palestinian Journal of technology and applied science (PJAS), Vol.1, No.1.**
4. Waleed Abdallah, Y. Abuzir and Mohamad Khair (2017),” Minimum Bit Error Rate Pre-and Post-FFT Domain Beamforming for Broadband OFDM Communication Systems”, **International Journal of computer science and information security (IJCSIS)**, Feb. 2017, Vol. 15, No.2.



5. Amjad Mahfuth, Salman Yussof, Nor's Bte. Ali and Waleed Abdallah **(2017)**," Conceptual Model for Exploring the Factors Influencing Information Security Culture", **International Journal of Security and Its Applications (IJSIA)**, Nov., Vol.11, No.5.
6. Waleed Abdallah, Mohamad Khdaire and Mos'ab Ayyash **(2016)**," Minimum Bit Error Rate Assisted QPSK For Pre-FFT Beamforming In LTE OFDM Communication Systems" **International Jordanian Journal of Computers and Information Technology (JJCIT)**, Vol. 2, No. 3, December.
7. Waleed Abdallah, Mohamad Khdaire **(2015)**," Adaptive Minimum Bit Error Rate Beamforming Assisted Detection for QAM Pre-FFT OFDM Communication Systems", **International Journal of Research in Computer and Communication Technology (IJRCCT)**, Vol 4, Issue 5.
8. Waleed Abdallah **(2014)**, "Adaptive Minimum Bit Error Rate Beamforming Assisted QPSK for Pre-FFT OFDM Communication System," **NNGT Int. J on Networking and communications (IJCNC)**, vol. 1, July.
9. Waleed Abdallah **(2013)** , "Minimum Bit Error Rate Pre-FFT Beamforming for OFDM Communication Systems", **International Journal of Al-Quds Open University for Research and Studies - No. 31- Part (1) - October**.
10. Waleed Abdallah **(2012)** ,"Block Shannon Beamforming for Orthogonal Frequency Division Multiplexing (OFDM ) wireless communication system", **(IJCA) International Journal of Computer Applications**.
11. Said Elnoubi, Waleed Abdallah, Mohamed M.M. Omar **(2011)**, "Minimum bit error rate beamforming combined with space-time block coding using double antenna array group", **(IJCIS) International Journal of computer Science and formation Security**.

### Books

1. Waleed AWAD and Dr. Mutamed Khatib, **Digital communication**, Al-Quds Open University, Jerusalem Palestine, **2020**.(in Arabic Language) **2020**.

### Conference Publications (With Peer Review)

1. Said Elnoubi and Walid Abdallah **(2012)**," Minimum Bit Error Rate (MBER) Pre-FFT Beamforming for OFDM Communication Systems ",2012 **Japan-Egypt Conference on Electronics, Communications and Computers, IEEE the International conference**.
2. Said El-noubi, Waleed Abdallah, Mohamed M.M. omar **(2011)**, "Minimum bit error rate beamforming combined with space –time block coding ", **IEEE the International conference on Communication and information tech.-ICCIT 2011-Aqaba, Jordan Univ**.
3. Waleed Abdallah, Ehab Sabry, Said El-noubi **(1998)**," On board Processing for Satellite Communications", **NATIONAL RADIO SCIENCE CONFERENCE (NRSC 1998)**, DEC. 13-15, 1998. **Faculty of Engineering, Helwan Univ., Egypt**.

### Thesis

#### **PhD. Thesis:**

Minimum Bit Error Rate beamforming combined with space – time block coding.2012

#### **Master Thesis:**

On board Processing for Satellite Communications 1998.



## G) Taught Courses:

### Undergraduate:

1. Communication I.
2. Communication II.
3. Data Communications.
4. Digital Communications.
5. Electric circuit.
6. Computer organization and Microprocessor.
8. Communication skills
9. Mobile Communications.
10. Programming in C++,
11. Coding.
11. Electrical and Electronics Analysis.
12. Introduction to Computing
13. Communication Networks Management Security.

## COMPUTER SKILLS

- Programming: C/C++
- MATLAB Simulink
- AutoCAD
- OrCAD Cadence
- Microsoft Office
- Adobe Photo Shop 8.
- Arduino.
- PHP, JAVA
- Android Mobile Application.
- JavaScript, HTML, XML

## H) e-Learning Production

**Author of one online course for Avicenna Project: -**  
Electrical and Electronics Analysis.

## I) References

- **Prof. Dr. Said El-noubi**

Alexandria University, Faculty of Engineering, Alexandria, Egypt, 21544

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- **Prof. Dr. Mohamed M.M. omar**

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E-Mail: [mohammad\\_yosef@hotmail.com](mailto:mohammad_yosef@hotmail.com)

- **Mr.Sami Abdel Eid Zawahreh**

Al-Quds Open University (QOU).

E-Mail: [szawahreh@qou.edu](mailto:szawahreh@qou.edu)

### **Languages: -**

Arabic (mother tongue), English.