

Curriculum Vita

Name: Dr. Saleh Suleman Saraireh

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Address: P. O. Box (1), Philadelphia, Amman, Jordan 19392.

Personal Data :

Nationality: Jordanian.

Marital Status: Married.

Date of Birth: 29/5/1980.

Education:

- 1- PhD in Communication and Electronic Engineering, The University of Sheffield, Faculty of Engineering, United Kingdom, 2009.

Thesis Title:

"Scalable Block Cipher Design Using Filter Banks over Finite Fields"

- 2- M.Sc. in Communication Engineering, Mutah University, Jordan, 2006 with Accumulative Average (Excellent).

Dissertaion Title:

"Design and Performance Analysis of Multirate Digital Filter Banks for Application in Communications"

- 3- B.Sc. in Communication Engineering, Mutah University, Jordan 2003 with Accumulative Average (Very Good).

- 4- Scientific Secondary School (Tawjihi), Jafer Bin Abi Taleb Secondary School, Jordan 1998 with Accumulative Average (Excellent).

Experience:

2014 – Present: Head of the Department of Communication and Electronic Engineering, Faculty of Engineering, Philadelphia University, Amman,

2009 – Present: Assistant Professor in Communication and Electronic Engineering Department, Faculty of Engineering, Philadelphia University, Amman, Jordan. Teaching the following courses

Courses:

- 1) Analog Communication.
- 2) Communication (I)
- 3) Digital Communication.
- 4) Communication Circuits.
- 5) Electromagnetic (I).
- 6) Electromagnetic (II).
- 7) Network Analysis and Synthesis.
- 8) Digital Signal Processing.
- 9) Engineering Analysis (1)
- 10) Digital Communication Lab.
- 11) Analog Communication Lab.
- 12) Electronics Lab.

2012 – Present: Part time lecturer in Jordan University, Amman, Jordan

Courses:

- 1) Numerical Methods for Engineering.
- 2) Signal and Systems.
- 3) Measurements and Instrumentations.

2010 – 2012: Part time lecturer in German Jordan University, Amman, Jordan

Courses:

- 1) Electromagnetic.
- 2) Electric Circuit (II).
- 3) Power Electronics.

2006 – 2009: Lab and Tutorial demonstrator, University of Sheffield, United Kingdom.

Courses:

- 1) Signals and Systems.
- 2) Electronics.
- 3) Electrical Circuits.
- 4) Matlab.

2004 - 2006 : Communication Engineer, Jordan Television, Maan, Jordan.

2003 – 2004 : Training in Jordan Telecom Group as a Communication Engineer, Karak, Jordan.

6/2002 – 8/2002: Training in Jordan Telecom Group, Karak, Jordan.

Publications:

Omar Daoud, Qadri J. Hamarsheh and Saleh S. Saraireh" *Peak Detection Using Wavelet Transform " International Journal of Computer Networks & Communications (IJCNC)*, Vol.6, No.4, May 2014.

O. Daoud, Q. Hamarsheh, and S. Saraireh, "*PAPR Reduction Based on Entropy Wavelet Transform for Sniffer Mobile Robot,*" *International Journal of Electronics and Communications*, Jun. 2014.

Jaafer AL-Sariereh, Saleh Saraireh, Mohammad Saraireh and Mohammad bni Yonis, " *Adaptive Inter Frame Space for Service IEEE 802.11 MAC Protocol*", *Communications and Network*, Vol. (6), No. (3), 2014.

Jaafer AL-Sariereh, Mohammad Saraireh and Saleh Saraireh, " *A Novel Adaptive Contention Window Scheme for IEEE 802.11 MAC Protocol*", *Trends in Applied Sciences Research*, Vol. (9), No. (5), 2014.

Othman Alsmadi, Saleh Saraireh, Zaer Abo-Hammour and Ali Al-Marzouq "*Substructure Preservation Sylvester-Based MOR with Application to Power Systems*" *Electric Power Components and Systems*, Vol. (42), No. (9), 2014 .

Saleh Saraireh, Yazeed Al-sbou, Ja'afer Al-saraireh and Othman Alsmadi," *Image Encryption Scheme Based on Filter Bank and Lifting*" *International Journal of Communications, Network and System Sciences (IJCNS,)* Vol. (7), No. (1), 2014.

Saleh Saraireh, Mohammad Saraireh and Yazeed Alsbou "*Secure Image Encryption Using Filter Bank and Addition Modulo 2^8 with XOR Combination*" *International Journal of Computer Science and Security (IJCSS)*, Vol. (7), No. (2), 2013.

Saleh Saraireh "*A Secure Data Communication System Using Crptography and Steganography*" *International Journal of Computer Networks & Communications (IJCNC)* Vol.5, No.3, May 2013.

Saleh S. Saraireh, Qadri J. Hamarsheh and Omar Daoud" *OFDM Peak Detection Algorithm based on Wavelet Transform*" *European Journal of Scientific Research (EJSR)*, Vol. 101 No 2, May, 2013.

Ja'afer Alsaraireh, Mohammad Saraireh,Saleh Saraireh and Mohammed Alnabhan , "*FORMAL ANALYSIS OF A NOVEL MUTUAL AUTHENTICATION AND KEY*

AGREEMENT PROTOCOL " Journal of Computer Science & Technology, Vol. 11 - No. 2 – October 2011

S. Saraireh, M. Benaissa, "A Scalable Block Cipher Design using Filter Banks over Finite Fields" In *Acoustics Speech and Signal Processing (ICASSP), 2010 IEEE International Conference*, Dallas, TX, USA.

S. Saraireh, M. Benaissa, "A Scalable Block Cipher Design using Filter Banks and Lifting over Finite Fields" In *IEEE International Conference on Communications (ICC)*, Dresden, Germany, 2009.

Conferences, Symposiums, Seminars & Workshops:

Participation in More than 10 Conferences, Symposiums, Seminars & Workshops.

Cultural, and Academic activities

- 1- Member in Communication and Electronic Department in Philadelphia University.
- 2- Member in IEEE.
- 3- Member in Jordan Engineers Association.