


CURRICULUM VITAE

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Name	Haider M. AlSabbagh		
Sex	Male		
Marital	Married		
Date of birth	Aug. 31, 1970		
Nationality	Iraqi		
Education:			
Current occupation	Ph.D., Associate Professor in Basra Univ.		
2008	Ph.D. - Electronic Information and Electrical Engineering.	Shanghai Jiao Tong University, Shanghai, China.	
1996	M.S. - Electrical and Communications Engineering.	Basra University, College of Engineering, Electrical Eng. Dept.	
1992	B.S. - Electrical and Communications Engineering.	Basra University, College of Engineering, Electrical Eng. Dept.	
Teaching experience:			
2008-present	(1) Ph.D. course: Satellite and digital Commu. Systems. (2) Ph.D. course: Mathematics for advanced computing. (3) MSc course: Computer Networks. (4) MSc course: Wireless Communications Engineering. (5) MSc course: Optical communications and networks. (6) BSc course: Theory of Communications, 3 rd year.		
1996- 2002	1996 – 2002: Advanced Mathematics, for 2nd stage BSc. 2000 – 2002: Advanced communication systems. 4th stage BSc.		
2002- 2003	Study Chinese language in Shanghai Jiao Tong University.		
Skills:			
Languages	Arabic, English, Chinese		
Computer languages	Java, C, C++, Fortran, Pascal, Visual Basic		
Operating systems	A)Windows, B) Linux, C) DOS		
Award / Memberships	- CARA scholar. - Scholarship from Shanghai Jiaotong Univ. for 5 years: studying Chinese (two semesters) and Ph.D. in Electronic Information and Electrical Engineering - IEEE Member. And, EB of many international journals. - Referee for numerous international journals such as IET Communication since 2006 until present and referee and TPC member for numerous international conferences.		
Software	MatLab, MathCAD Auto CAD, and CST. Strong experience with Microsoft Office (word, power point, Excel, etc.)		
Interested research areas	Sensor networks, mobile communications, Wireless communication networks and systems, antennas and electromagnetic scattering, optical communications systems and networks.		
Title of MSc. Dissertation	Investigation of multiquantum-well optical amplifiers for fiber optic communications.		
Title of Ph.D. dissertation	Study of the performance for delay-sensitive services in WLAN over OBS systems.		

AWARD / MEMBERSHIPS:

1- CARA scholar

Since January, 2011 until present I am a scholar of Council for Assisting Refugee Academics (CARA) organization.

Project title: Design and synthesis of wide band fractal antennas for on-body communications using method-of-moments.

2- Scholarship from Shanghai Jiaotong University, Shanghai, China

A: Sept. 2002 – Jul. 2003: Studying Chinese language – two semesters

B: Sept. 2003 - Jun. 2008: Doing Ph.D. – Electronic Information and Electrical Engineering

3- Member of IEEE.

4- Member of Editorial Board in the following international journals:

- [IJACT](#): International Journal of Advancements in Computing Technology.
- [IJIPM](#): International Journal of Information Processing and Management.
- [AISS](#): Advances in information sciences and services.
- [Cyber Journals](#)

5- Referee for the following international journals:

- [IET](#) - communications.
- [IJCS](#): Wiley international journal of communication systems.
- [IJEI](#): International Journal of Engineering and Industries.
- [JCIS](#): Journal of Communications and Information Sciences
- [IJACT](#): International Journal of Advancements in Computing Technology.
- [IJIPM](#): International Journal of Information Processing and Management.
- [AISS](#): Advances in information sciences and services.
- [Cyber Journals](#).
- [ETASR](#): Engineering, Technology & Applied Science Research Journal.

6- Referee and TPC member for the following international conferences:

- **AISS**: Advances in information sciences and services.
- **ICOS2011**: 2011 IEEE Conference on Open Systems.
- **ISCI 2011**: 2011 IEEE Symposium on Computers & Informatics, Kuala Lumpur, Malaysia from 20 - 22 March 2011.
- **ISIEA 2011**: IEEE Symposium on Industrial Electronics & Applications (ISIEA 2011) Langkawi, Malaysia on 25 – 28 September 2011.
- **ICCAIE 2011**: 2011 International Conference on Computer Applications and Industrial Electronics.
- **RFM 2011**: 2011 IEEE International RF and Microwave Conference.
- **ISWTA2011**: 2011 IEEE Symposium on Wireless Technology & Applications.
- **MIC-BEN2011**: Mosharaka International Conference on Biomedical Engineering, Electronics and Nanotechnology.
- **MIC-CNIT2011**: Mosharaka International Conference on Communications, Networking and Information Technology.
- **MIC-WCMC2011**: Mosharaka International Conference on Wireless Communications and Mobile Computing.
- **MIC-CPE2011**: Mosharaka International Conference on Communications, Propagation, and Electronics.
- **ICFCN'12**: The first International Conference on Communication Networks. Baghdad, Iraq.
- **BEIAC 2012**: 2012 IEEE Business, Engineering & Industrial Applications Colloquium.
- **APACE2012**: 2012 IEEE Asia-Pacific Conference on Applied Electromagnetics, 11th to 13th December of 2012, Melaka, Malaysia
- **ICOS2012**: 2012 IEEE International Conference on Open Systems, Kuala Lumpur, Malaysia, 21th – 24th October 2012

- **SHURSER'12**: 2012 IEEE Symposium on Humanities, Science & Engineering Research.
- **JIEEC 2013**: 2013 Jordanian International Electrical and Electronics Engineering Conference, Amman, Jordan, 11-14 April, 2013.
- **ISIEA 2012**: 2012 IEEE Symposium on Industrial Electronics and Applications.
- **MIC-CES2012**: 2nd International Conference on Communications and Electronic Systems
- **ICCSII 2012**: 2012 IEEE Conference on Control, Systems & Industrial Informatics
- **ISBEIA 2012**: 2012 IEEE Symposium on Business, Engineering & Industrial Applications, Malaysia
- **CHUSER 2012**: 2012 IEEE Colloquium on Humanities, Science and Engineering Research
- **ICOS 2012**: 2012 IEEE Conference on Open Systems
- **APACE2012**: 2012 IEEE Asia-Pacific Conference on Applied Electromag-

PROFESIONAL FIELDS:

I am interested in the following research engineering areas:

- Wireless communication networks and systems.
- Mobile communications.
- Sensor networks.
- Communication/computing systems
- Antennas and electromagnetic scattering.
- Optical communications systems and networks.

PUBLICATIONS (Journals and Conferences):

- [1] Hayder Jawad Mohammed, **Haider M. AlSabbagh**, and Saod A. AlSeyab, "Investigation of Adapted Power and Rate on MQAM for Fading Channels", INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING (IJEE)", Accepted for publication.
- [2] Ali M. Alsahlany, **Haider M. AlSabbagh**, and Saod A. AlSeyab, "Performance of MAC – IEEE 802.11n – over fiber network in presence errors on the transmitting channel", Eng. and Technology Journal, Iraq. Accepted for publication.
- [3] Farhad E. Mahmood, **Haider M. AlSabbagh**, and Robert Edwards, "CPW-Fed UWB

- Antenna with Band-Notch By Hexagonal Shape Slot", IEEE International Conference on Future Communication Networks 2012 (ICFCN'12), Baghdad, Iraq.
- [4] Ali M. Alsahlany, **Haider M. AlSabbagh** and Saod. A. Aalseyab," Multipacket reception for multiple antenna systems in IEEE 802.11n-over-fiber network", IEEE International conference - Telecommunications Forum (TELFOR), 22-24 Nov. 2011 19th, Belgrade, Serbia, pp. 599 – 602.
- [5] Ali Muayed and **Haider M. AlSabbagh**, " Performance Analysis for Bit Error Rate of DS-CDMA Sensor Network Systems with Source Coding", Journal of advances in information sciences and service (AISS), South Korea, accepted for publication.
- [6] karrar AlImman, **Haider M. AlSabbagh** and Saod A. Aalseyab, "A proficient setting up of BFWA with WiMAX for linking Internet to Home Network", Journal of Mobile Communication, vol. 5, no. 5-6, pp. 46-51, 2011.
- [7] Ahmed S. Kadhim and **Haider M. AlSabbagh**, " Influence Number of Antennas on the Total Sensing Time in Cognitive Radio Systems", Journal of Emerging Trends in Computing and Information Sciences, Vol. 2, no. 11, pp. 604 – 606, Oct. 2011.
- [8] **Haider M. AlSabbagh**, Farhad Mahmood, Saba AL-Rubaye, and Robert Edwards, "The Design of Fractal Antennas for UWB using MoM", IEEE Loughborough Antennas & Propagation International Conference 2011 (LAPC 2011), 14-15, Nov. 2011, Loughborough, UK.
- [9] Ali M. Alsahlany, **Haider M. AlSabbagh** and Saod. A. Aalseyab," Length of optical fiber influence on the performance of Radio-Over- Fiber systems", International Journal of Engineering and Industries (IJEI), vol. 2, no. 2, pp. 54-61, 2011.
- [10] **Haider M. AlSabbagh** and Ali Amin, "A comparison Study for the BER in Broadband Fixed Wireless Access Systems Based on Using M-QAM", International Journal of Distributed and Parallel Systems (IJDPS), Vol.2, No.2, pp. 30-41, March 2011.
- [11] **Haider M. AlSabbagh** and Ali Amin, "Kalman Filter Estimation of the Number of Competing Terminals in an IEEE 802.11 Network Utilizing Error Pron-Channel", International Journal of Advancements in Computing Technology (IJACT) (South Korea). Vol. 2, No. 1, pp. 86-92, doi: 10.4156/ijact.vol2.issue1.8, March, 2010.
- [12] **Haider M. AlSabbagh** and Ali Amin, "Influence of Retransmissions on the Estimating Number of Users associate with a WLAN Using Error Pron-Channel", IEEE 5th International Conference on Wireless Communications, Networking and Mobile Computing (WiCOM 2009).
- [13] **Haider M. AlSabbagh**, Jianping Chen, Guiling Wu, Xinwan Li, "Time delay analysis in wavelength router optical burst switching (WR-OBS) networks", Journal of Optical Communications (Germany), vol. 26, no. 5, October, 2005, p 238-243. IDS Number: 041UE.

- [14] **Haider M. AlSabbagh**, Jianping Chen, and Youyun Xu, "Effectiveness of the limited retransmission on the WLANs using error-prone channel," IEEE 2nd International Conference on Wireless Communications, Networking and Mobile Computing (WiCOM 2006), 22-24 Sept. 2006. 1-4244-0517-3/06/, UT INSPEC: 9417825.
- [15] **Haider M. AlSabbagh** , Jianping Chen, and Wenjun Qian, "A simple paradigm for supporting the new generation of internet based on WLAN over OBS," IEEE 2nd International Conference on Wireless and Mobile Communications ICWMC 2007, DOI. 10/1109/ICWMC 2007.11, pp. 20-23, March 4-9, 2007.
- [16] **Haider M. AlSabbagh**, Jianping Chen, and Youyun Xu, "Influence of error-prone channel on the performance of IEEE802.11 WLAN utilizing RTS/CTS handshaking," Journal of SJTU (Science) (Shanghai, China), vol.E-12, no.6, 2007. pp. 799-804.
- [17] **Haider M. AlSabbagh** , Jianping Chen," Congestion Performance Analysis of IEEE 802.11 WLAN," Journal of Donghua University (Shanghai, China), ISSN 1671-0444/CN31-1865/N.
- [18] **Haider M. AlSabbagh**, Jianping Chen, and Youyun Xu, "Influence of the limited retransmission on the performance of WLANs using error-prone channel," International Journal of Communications, Network and System Sciences (JCNSS), vol. 1, no. 1, 2008. pp. 49-54 — **selected as one of the best paper in the journal.**
- [19] R. S. Fyath and **Haider M. AlSabbagh**, "Performance of optical preamplified receivers for optical frequency-division multiplexing network," IJCCCE, vol. 2, no. 2 2001, pp. 25-41.
- [20] **Haider M. AlSabbagh**, "Vertical Cavity Laser Preamplified Receiver: Influence of amplifier Structure Parameters", Iraq J. Electrical and Electronic Engineering, vol. 1 no. 2, 2001, pp. 57-76.
- [21] R. S. Fyath and **Haider M. AlSabbagh**, "Modeling and performance evaluation of an integrated long-wavelength photoreceiver incorporating a GaInAs-InP MQW absorption region fabricated on Si-MOSFET", Basrah J. of Eng. Science, vol. 1, no. 1, 2000. pp. 140-158.
- [22] R. S. Fyath , **Haider M. AlSabbagh**, "Performance prediction for fiber transmission system incorporating integrated optics Erbium-Ytterbium amplifier," Iraq J. Electrical and Electronic Engineering, vol. 2, no. 1, 2002, pp. 65-69.
- [23] R. S. Fyath and **Haider M. AlSabbagh**, "Performance analysis of optical receiver circuits incorporating vertical-cavity laser amplifier," Engineering & Technology, vol.20, no.1, 2001, pp. 21-31.
- [24] R. S. Fyath and **Haider M. AlSabbagh**, "Analysis of gain-clamped semiconductor laser amplifiers", Eng. Technology, vol. 20, no. 8, 2001, pp. 510-524.
- [25] R. S. Fyath and **Haider M. AlSabbagh**, "Effect of laser linewidth on the channel spacing and error rate in optical frequency division multiplexed systems incorporating semiconductor optical amplifier demultiplexers", Iraq J. Electrical and Electronic Engineering, vol. 1, no. 1, 2001, pp. 93-106.

- [26] **Haider M. AlSabbagh**, “Effect of well-thickness on the performance of lattice-matched multiple quantum-well lasers”, Eng. & Technology, vol. 18, no. 1, 1999, pp. 66-77.
- [27] R. S. Fyath , and **Haider M. AlSabbagh**, “Theoretical investigation of optical gain properties of $\text{Ga}_x\text{In}_{1-x}/\text{InP}$ quantum well material”, Eng. & Technology, vol. 16, no. 2, 1997, pp. 105 -113.