

## السيرة الذاتية

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العنوان الوظيفي: تدريسية

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التعليم والشهادات الحاصل عليها:

<u>الشهادة</u>	<u>تاريخ الحصول عليها</u>	<u>الجهة المانحة</u>
1. بكالوريوس	1997	قسم الهندسة الالكترونية والاتصالات/ كلية الهندسة/ جامعة النهريين
2. ماجستير	2002	قسم الهندسة الالكترونية والاتصالات/ كلية الهندسة/ جامعة النهريين
3. دكتوراه	2008	قسم الهندسة الالكترونية والاتصالات كلية الهندسة/ جامعة النهريين
4. دكتوراه	2011	جامعة بوليتكنيكو دي ميلانو في ايطاليا قسم هندسة الحاسبات

الخبرة الوظيفية:

- سبقت وان درست في جامعة بوليتكنيكو دي نورينو في ايطاليا
- حصلت على زمالة لمدة سنة للدراسة ما بعد الدكتوراه في جامعة بوليتكنيكو دي ميلانو

## البحوث المنشورة

- 1) Teach in Electronic and Telecommunications department, Al-Nahrain University, Baghdad, Iraq, 2003-2005.
- 2) Technical Program Committee (TPC) member of The Fourth International Conference on Sensor Technologies and Applications SENSORCOMM 2010, July 18 - 25, 2010 - Venice, Italy
- 3) Technical Program Committee (TPC) member of The 35th IEEE Conference on Local Computer Network (LCN 2010), USA, 2010
- 4) Reviewer for the International Journal of Communication and IET/communication from 2006 till now.
- 5) Reviewer for IEEE Transaction on Industrial Informatics
- 6) Reviewer for IEEE ICC 2010 – Wireless Communications Symposium (ICC'10 WCS), 23 – 27 May 2010
- 7) Reviewer for IEEE GLOBECOM 2011 - Wireless Networking Symposium, 5-9 December 2011.
- 8) Reviewer for the 6th International Conference on Internet Technology and Secured Transactions (ICITST 2011), December 11-14, 2011, Abu Dhabi, UAE.
- 9) Reviewer for IEEE ICC 2012 – 3rd Workshop On Energy Efficiency in Wireless Networks & Wireless Networks for Energy Efficiency (E2Nets), June 2012
- 10) Technical Program Committee (TPC) member of The Fourth International Conference on Sensor Technologies and Applications SENSORCOMM 2012, Rome, Italy, August, 2012.

- 11) Reviewer for IEEE Symposium on Computers & Informatics Langkawi, Malaysia 7 - 9 April 2013.
- 12) Technical Program Committee (TPC) member of the The 9th International Conference for Internet Technology and Secured Transactions (ICITST-2014), London, UK, Dec 8-10, 2014.
- 13) Technical Program Committee (TPC) member of the 12th International Conference for Internet Technology and Secured Transactions (ICITST-2017), University of Cambridge, UK, Dec.11-14, 2017.
- 14) Attending ArtistDesign European Network of Excellence on Embedded Systems Design, "Advanced School on ICT for Future Energy Systems", 24-29 July, 2011.
- 15) Attending The ArtistDesign European Network of Excellence on Embedded Systems Design "ARTIST Summer School in Europe", France, September 7-11, 2009.

**Publications :**

- 1) Al-Khateeb Anwar, Jun Kyoung Kim, Luciano Lavagno, Mihai T. Lazarescu, "MEOW: Model-Based Networks Design of an Energy-Optimized Protocol Stack for Wireless Sensor ", submitted to IEEE Transaction on Industrial Informatics.
- 2) A. Dhiaa, Al-Khateeb Anwar, "Design and implementation of smart health system", submitted to IET journal / smart cities section.
- 3) R. Hassan, Al-Khateeb Anwar , "Design and Implementation of Brain Signals Detection System", submitted to IET journal/ sensor network.
- 4) Al-Khateeb Anwar "Design and Implementation of Human Mobility Embedded System for Urban Planning of Smart City" , 6th International

- Conference on Smart Cities and Green ICT Systems, porto, Potogual, April, 2017.
- 5) Al-Khateeb Anwar, Jun Kyoung Kim, "DORMS: Design of multi-objective optimized RPL and MAC protocols for wireless sensor network applications", Ninth International Conference on Ubiquitous and Future Networks, ICUFN 2017, Milan, Italy, July 4-7, 2017. IEEE 2017, ISBN 978-1-5090-4749-9.
  - 6) Anwar Al-Khateeb," Designing and Implementation of Mobility Prediction Algorithms for Cellular Green Networks", International Conference on Communication, Information Technology and Robotics (ICCITR'2015), Dubai, United Arab Emirates, 13-15 August 2015.
  - 7) Anwar Al-Khateeb , Eric Baczuk , Carlo Ratti, " FINS: Model-Based Design of Flying Indoor", IEEE Consumer Communications and Networking Conference (CCNC 2013), Las Vegas, NV, USA. January 2013.
  - 8) Al-Khateeb Anwar, "Modeling and Implementation of SIP and EPC Protocols in Airline Luggage Tracking Applications", IEEE Consumer Communications and Networking Conference (CCNC 2013), Las Vegas, NV, USA. January 2013.
  - 9) Al-Khateeb Anwar, "ALT: Airline Luggage Tracking Protocols", 35th IEEE Sarnoff Symposium – 2012, Newark, New Jersey, May, 2012.
  - 10) Book Chapter , Al-Khateeb Anwar, LUCIANO LAVAGNO, "Energy Optimization Techniques for the PHY and MAC Layers of IEEE 802.15.4/ZigBee", accepted for the publication in the book "ZigBee Network Protocols and Applications" , published by Auerbach Publications, CRC Press, Taylor&Francis Group, 2011.

- 11) Al-Khateeb Anwar, LUCIANO LAVAGNO, "MEOW: Model-Based Design of an Energy-Optimized Protocol Stack for Wireless Sensor Networks", submitted to 35th IEEE Conference on Local Computer Network (LCN 2010), USA, 2010.
- 12) Al-Khateeb Anwar, Jun Kyoung Kim, Luciano Lavagno, Mihai T. Lazarescu," Energy Optimization at the MAC Layer for a Forest Fire Monitoring Wireless Sensor Network", 15th IEEE International Conference on Emerging Technologies and Factory Automation (IETFA2010), September 13-16, 2010, Bilbao, Spain .
- 13) Al-Khateeb Anwar, Luciano Lavagno, "Energy Optimization Framework for WSN Design", ACM / IEEE International Conference on Information Processing in Sensor Networks (IPSN 2010), Sweden, April, 2010.
- 14) Al-Khateeb Anwar, Luciano Lavagno,"Energy and Throughput Optimization of a ZigBee-Compatible MAC Protocol for Wireless Sensor Networks", 7th IEEE, IET International Symposium on COMMUNICATION SYSTEMS, NETWORKS & DIGITAL SIGNAL PROCESSING (CSNDSP'10), Newcastle, U.K , 21-23 July 2010.
- 15) Al-Khateeb Anwar. LUCIANO LAVAGNO, "Simulink Modeling of the 802.15.4 Physical Layer for Model-Based Design of Wireless Sensor Networks", In: Proceedings of the Third International Conference on Sensor Technologies and Applications, Greece, 18-23 June 2009, pp. 38-42, 2009, ISBN: 978-0-7695-3669-9.
- 16) Al-Khateeb Anwar, NOUREDDINE BOUJNAH; LUCIANO LAVAGNO, "Efficient energy Consumption and Node Distribution Algorithm of 802.15.4 Physical

Layer for WSN “, In: Proceeding of 2nd. IFIP Wireless Days Conference 2009, France, 15-17 December, 2009.

- 17) MOHAMMAD MOSTAFIZUR RAHMAN MOZUMDAR; Al-Khateeb Anwar, LUCIANO LAVAGNO; LAURA VANZAGO, “Modeling, hardware in the loop simulation and code generation for wireless sensor networks based on ZigBee and TinyOS platforms”, In: Proceeding of The 12th Design, Automation and Test in Europe Conference (DATE09). France, 21-23 April 2009.
- 18) Al-Khateeb Anwar, GRAGOPOULOS IOANNIS; F. N. PAVLIDOU, “Indoor Location Tracking Using AGPS and Kalman Filter”, In: Proceedings of 6th Workshop on Positioning Navigation and Communication (WPNC 09), Hannover, Germany, 19 March 2009, ISBN: 978-1-4244-3292-9
- 19) Al-Khateeb Anwar, F-N. PAVLIDOU; I. GRAGOPOULOS, “Evaluation of indoor Location Based on combination of AGPS/ HSGPS”, IEEE International Symposium on Wireless Pervasive Computing (ISWPC2008), Greece, 2008.
- 20) Al-Khateeb Anwar, JABIR SALMAN AZIZ; ABBAS AHMED AL-SHALCHI, “Parameter Estimation of Frequency-Hopping (FH-SS) Signals Using Modified Autocorrelation Techniques”, International Conference on Telecommunications (ICT2006), China, 2006