Under the Patronage of
Dr Mohammed Ahmed Al Amer
Chairman of the TRA Board
Kingdom of Bahrain

تحت رعاية
الدكتور محمد أحمد العامر
رئيس مجلس إدارة هيئة تنظيم الاتصالات
بمملكة البحرين

www.arabict.info

المنتدى العربي لتقنية الاتصالات والمعلومات ٢٠١٦
Arab ICT Forum 2016

25 October, 2016   GICC, Gulf Hotel, Kingdom of Bahrain

تطوير تقنية المعلومات و الاتصالات لدعم النمو الاقتصادي
Development of Information and Communication Technology to support Economic Growth

Organized by

اتحاد المهندسين العرب
Federation of Arab Engineers

لجنة تقنية الاتصالات والمعلومات
ICT
اتحاد المهندسين العرب

جمعية المهندسين البحرينية
BAHRAIN SOCIETY OF ENGINEERS

Introduction

Information and Communication Technology (ICT) is considered important and vital in achieving the goals and objectives of the various development strategies. The digital revolution has affected directly and indirectly the human life and cannot be overlooked and sometimes difficult to cope with, and may control the social, economic and cultural life style .Economic development has become largely associated with the capacity of states and organizations to keep pace with this rapid technology evolution. Undoubtedly, communications and information technology has become a fundamental pillar in measuring the progress of nations for being one of the important sources of growth in the local income for most developed countries, as well as developing countries. Communications and Information Technology industry include complex production processes that are characterized by the employment of high technical talents and extensive services, including hardware and software, making ICT a sector of vital importance in almost all countries, but more important in countries where the development process depends directly on the abilities and skills of the human element. This sector has gained great importance as a result of the steady growth of the Internet and community applications using applications such as e-Government, e-Commerce, e-Learning, e-Health, which in turn reflected positively on public services, commerce, banking and international relations, thus highlighting the importance of ensuring information and data networks security for the success of the information society and the knowledge economy.

Arab ICT Forum 2016 Topics include but not limited to:

1. Qualifying communications engineers to work in networks of mobile services providers
2. Uses of geographic information system (GIS) to improve citizen services
3. Technical developments (Mobile fifth generation networks (5G), optical networks , etc)
4. The role of information and communication technology in the development of the following sectors:
   • Education (eLearning) • Health • Business • Finance • Media
5. Cloud computing
6. Electronic Government and Smart Cities
7. Internet of things
8. Big data
9. Information security and privacy

Organizing Committee of ICT 2016

Saleh Taher Tarradah

Jameel Khalaf Al-Alawi

Abbas Mirza Ally

Dr. A.Imam Al-Sammak
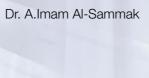
Mohamed Al-Asfoor

Dr. Ahmed Al-Wahoush

Dr. Raida Al- Alawi

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حفل الافتتاح

برنامج المنتدى العربي لتقنية الاتصالات والمعلومات –2016 الثلاثاء 2016-10-25

مركز الخليج للمؤتمرات – فندق الخليج – المنامة – البحرين

الوقت		
08.30 - 09.00	الاستقبال و التسجيل وفترة للتواصل الاجتماعي	
	كلمة راعي الحفل	الدكتور محمد احمد العامر رئيس مجلس إدارة هيئة تنظيم الاتصالات –مملكة البحرين
09.00 - 09.45	كلمة اتحاد المهندسين العرب	المهندس ضياء عبدالعزيز توفيقي رئيس اتحاد المهندسين العرب
	كلمة جمعية المهندسين البحرينية	المهندس مسعود الهرمي رئيس جمعية المهندسين البحرينية
	المتحدث الرئيسي الاول	الدكتور جاسم حاجي – المدير التنفيذي لتقنية المعلومات– طيرن الخليج حماية المسافرين وصناعة الطيران من من الهجمات الإلكترونية
	تكريم الشركاء، الرعاة ، الداعمون، المتحدث الرئيسي الاول و الثاني، اللجنة المنظمة و راعي الحفل	
09.45 - 10.00	استراحة القهوة وفترة للتواصل الاجتماعي	

الوقت	اسم المتحدث	المنصب	الجهة	عنوان المحاضرة
10.00 – 10.30	المتحدث الرئيسي الثاني السيد كاران بنداري	الرئيس المسؤول عن الرقمية مجموعة بتلكو	الابتكار في المنظومه الرقمية تصميم لعهد جديد
10.30 – 11.00	السيد أحمد أبوالفتح	مدير إدارة حالات الطوارئ هيئة المعلومات والحكومة الإلكترونية بمملكة البحرين	أثر أمن المعلومات على التنمية الاقتصادية
11.00 – 11.30	الدكتور عبد القادر ورسمه غالب	خبير قانونى	المتطلبات القانونية لأمن المعلومات والخصوصية في تقنية الاتصالات والمعلومات
11.30 – 12.00	السيد محمد صالح	مدير الصحة للشرق الأوسط وأفريقيا فى شركة ميكروسوفت	التحول الرقمي في قطاع الصحة
12.00 – 12.15	استراحة		
12.15 – 12.45	الشيخة المهندسة مي بنت محمد آل خليفة	مدير ادارة تطوير البيانات ادارة نظم المعلومات الجغرافية هيئة المعلومات والحكومة الإلكترونية بمملكة البحرين	استخدامات نظام المعلومات الجغرافي في تحسين الخدمات للمواطن– نظام تصاريح
12.45 – 13.15	السيد علي سبكار	مؤسس ورئيس النادي العالمي للإعلام الاجتماعي – البحرين	استخدام وسائل الإعلام الاجتماعية لدعم النمو الاقتصادي
13.15 – 13.45	المهندس عيسى ياسر الحدي	القائم بأعمال رئيس قسم إدارة الترددات هيئة تنظيم الاتصالات	البحرين	تطبيقات شبكات الجيل الخامس
13.45 – 14.30	استراحة الغداء		
14.30 – 15.00	السيد محمد عبدالعزيز عبدالله	قائم بأعمال مدير ادارة الخدمات الالكترونية وتطوير القنوات هيئة المعلومات والحكومة الإلكترونية	مملكة البحرين	التحول الالكتروني للخدمات الحكومية
15.00 – 15.30	أ. رغدة زهران	مديرة برنامج نظم المعلومات الإدارية – بوليتكنك البحرين	التحول إلى الحوسبة السحابية في التعليم العالي
15.30 – 16.00	د. وائل رشيد عبد المجيد	كلية ندسة الخوارزمي – جامعة بغداد	أثرالدورات الضخمة المفتوحة عبر الانترنت على التعليم الندسي
16.00 -16.30	المهندس باسل احمد عمري	نقابة المهندسين الاردنيين	تأهيل مهندسي الاتصالات للعمل في مجال شبكات الشركات المزودة لخدمات الاتصالات
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Program

Arab ICT Forum 2016 –Tuesday 25th October, 2014
Gulf International Convention Centre - Gulf Hotel- Manama- Bahrain

08.30 – 09.00	Registration, Refreshments and Networking		
09.00 – 09.45	Patron speech	**Dr. Mohammed Ahmed Al Amer** **Chairman of the TRA Board - Kingdom of Bahrain**	
Arab ICT Forum 2016 Opening Ceremony	Federation of Arab Engineers speech	**Engineer Dheya Tawfiqi** **President of the Federation of Arab Engineers**	
	Bahrain Society of Engineers speech	**Eng. Masoud Al-Hermi - President of Bahrain Society of Engineers**	
	Keynote speech - 1	**Dr. Jassim Haji - Director Information Technology - Gulf Air** **Protecting Passengers and the Aviation Industry from Cyber Attacks**	
	Recognition of Partners, Sponsors , Supporters , Keynote Speakers , Organizing Committee and Patron		
09.45 - 10.00	**Coffee Break and Networking**		
	Speaker	**Position / Organization**	**Presentation title**
10.00 – 10.30	Keynote speech – 2 Mr. Karan Ponnudurai	Chief Digital Officer Batelco Group	Innovation in the Digital Matrix – Designing for the new era
10.30 – 11.00	Ahmed Isa Abulfateh	Director Emergency Response Information Security iGA - Bahrain	Impact of information security on economic development
11.00 – 11.30	Dr. Abdelgadir Warsama	Legal Expert	Legal Requirements for ITC Data Security to protect privacy
11.30 – 12.00	Mohamed Saleh	Health Director for Middle East and Africa Microsoft Gulf	Microsoft Digital Transformation in Health
12.00 – 12.15	**Networking Break**		
12.15 – 12.45	Shaikha May Mohammed Al Khalifa	Head Data Development - Directorate of GIS at iGA - Bahrain	Uses of GIS to improve citizen services Tasareeh System
12.45 - 13.15	Ali Sabkar	Founder & President of Social Media Club - Bahrain	The use of Social Media Tools to support Economic Growth
13.15 – 13.45	Isa Yaser Al-Heddi	Acting Manager Spectrum Management Department TRA - Bahrain	5G networks and its applications
13.45 – 14.30	**Forum Networking Lunch**		
14.30 – 15.00	Mohamed Abdulaziz Abdulla	Acting Director, eServices & Channel Enhancement Directorate Information & eGovernment Authority – Kingdom of Bahrain	Electronic Transformation for the Government Services
15.00 - 15.30	Raghda Zahran	BICT Programme Manager: Management Information Systems - Bahrain Polytechnic	The Shift to Cloud Computing in Higher Education
15.30 - 16.00	Dr. Wael Rasheed A.Majeed	ALKhwarizmi College of Engineering University of Baghdad	Impact of massive open online courses on engineering education
16.00 -16.30	Basil Ahmed Omari	Jordan Engineers Association -Member of Electrical Engineering Council	Qualifying Telecommunications Engineers to work for mobile operators networks
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Title of Presentation & Brief Abstracts

CONFERENCE PATRON

Dr. Mohammed Ahmed Al Amer
Chairman of the TRA Board Kingdom of Bahrain

Dr. Mohammed Al Amer currently chairs the Board of Directors of the Telecommunications Regulatory Authority in the Kingdom of Bahrain. He holds a doctorate and Master's degree in electronic democracy from the University of Fort Dumont, United Kingdom. Additionally, he holds a Bachelor's degree in System Engineering from King Fahad University of Petroleum and Minerals in Saudi Arabia.

Dr. Mohamed has spent the majority of his career in Information Technology related industries.

Dr. Mohammed was the President of the Central Informatics Organization (CIO).

During his tenure in his various positions he has been instrumental in the introduction of many national initiatives such as the Central Population Register (CPR), the Government Data Network (GDN), the National Smart Card project and the Bahrain e-Government Strategy.

Dr. Mohammed Al Amer is also the Chairman of the National Space Science Agency of Bahrain.

Protecting Passengers and the Aviation Industry from Cyber Attacks

- Why aviation security is important?
- Can the new generation of aircrafts be hacked?
- Critical information in aviation and the potential risks
- Aviation cyber security framework and controls

Dr. Jasim Haji
Director Information Technology, Gulf Air

Gulf Air, the national carrier of the Kingdom of Bahrain, has appointed Dr. Jassim Haji as the Director of Information Technology Division since August 2011. He currently serves on the board of directors of a leading hospitality and tourism technology provider in the Middle East and on SITA Council representing Middle East and North Africa.

Dr. Haji has been instrumental in implementing some key innovations at Gulf Air's IT systems and processes in recent times, most notably, the introduction of advanced technology for Gulf Air World Wide Contact Centre, Cloud Computing, Business Intelligence, Disaster Recovery Centre, Green Technology, In-house Oracle R12 upgrade, Big Data, Electronic Flight Bag and deploying tablets to cabin crew for on-board services plus ISO 27001, 9001, 20000, 240001 and 50001 certifications that have helped further improve customer interface services as well as cost efficiency to the company. He managed to achieve thirty three top Middle-Eastern technology awards for Gulf Air, including four CIO distinguished awards. He participated as a key speaker and chairman in over 50 technology conferences in Middle-East and Europe to cover latest technologies such as Cloud Computing, Big Data, Information Security and Business Intelligence. He also published articles in relation to the above topics. Additionally, Dr. Haji is part of several advisory boards of key technological events in the Gulf and he is participating in several judging panels for reputable technology awards. Dr. Haji received his Doctorate in Business Administration (PhD) from the University of Northumbria at Newcastle, UK in 2010. He has completed his Master degree in Management of Information Technology from the University of Sunderland, UK and graduation in telecommunications from the famed Cable and Wireless College, Cornwall, UK. He started his career with Sprint Telecommunications in London before joining Gulf Air in 1985 as a network engineer and moved to Sabre – an airline IT solutions company – to whom Gulf Air outsourced its IT services. He then moved to EDS as an Executive Director, another American IT solutions company with global presence, when Gulf Air moved its outsourcing services and grew within the ranks to become the Executive Director of EDS. When Gulf Air brought back its IT services, Dr. Haji also moved back to Gulf Air and became the Head of Information Technology Infrastructure in 2008 and then he was appointed as the Director of Information Technology Division in August 2011.

Title of Presentation & Brief Abstracts

Innovation in the Digital Matrix – Designing for the new era

a.   How consumer behaviour has changed

b.   What are the new demands placed on product developers

c.   Some thoughts on modern development methods

Karan Ponnudurai
Chief Digital Officer - Batelco Group

Karan Ponnudurai joined the Batelco Group in July 2016 taking on the newly created role of Group Chief Digital Officer to support the Group's strategy to be a leader in the growing field of digitisation. With over 28 years' experience gained in leading organisations in the US, Germany and Malaysia, Karan has the relevant knowledge and experience to meet Batelco Group's commitment to delivering the digital solutions required for the growth of smart cities and smart businesses.

Prior to joining the Batelco Group, Karan held the post of Chief Innovation Officer at Axiata Digital, Malaysia, with responsibility for the digital strategy, implementation and on-going business operations of the company across a number of geographies. He previously held senior executive roles including the post of Chief Online and Innovation Officer at Celcom Axiata and Vice President Technology & Business Development at SoftBank Emerging Markets, Kuala Lumpur.

Karan holds a BSc in Electrical Engineering from Stanford University, USA and a Master of Engineering with specialisation in Communication Systems from University of Malaya, Kuala Lumpur

Impact of information security on economic development

•   Increase the number of e-services and the need to secure them

•   Risks (threats, ransom viruses)

•   Information security initiatives to reduce risks

•   General tips in the sphere of information security

Ahmed Isa Abulfateh
Director Emergency Response -
Information Security-
Information & eGovernment Authority
Kingdom of Bahrain

More than 12 years experience in information security, Head of Information Security Monitoring Center at Central Informatics Organization ("CIO") since November 2009, on September 2015 had been appointed director of emergency response, one of his responsibilities offering consultation services to the government agencies as an expert in enterprise security architecture, reviewing companies bidding to the government agencies in term of information security and supervising security operation team, employee of the year for 2009, holds a Master of Business Administration ("MBA") in addition to professional security certificates such us Certified Information Security Manager ("CISM") and Certified Information Systems Security Professional ("CISSP").

Title of Presentation & Brief Abstracts

Legal Requirements for ITC Data Security to protect privacy

Information Technology & Communication (ITC) nowadays, plays a pivotal role in our business and other daily dealings. All our life, to a great extent depends on ITC, which we eagerly need all through every second or at any movement. This comes from the fact that, ITC has changed our way of life in every aspect…. However, apart from this good side, the new information technology has got its own demerits due to the bad usage of the ITC by some people \ entities… This includes, inter alia, illegal hijacking & trespassing which ultimately leads to privacy encroachment..

Dr. Abdelgadir Warsama
Legal Expert
Legal requirements for IT security &
privacy to enhance ICT

To overcome this set back and, at the same time, to get the best out of ITC there are many legal steps and requirements to be followed and maintained so as to protect the data security all through. In the absence of such security, all benefits of ITC will be in vain and of no use to us.

To explain the legal requirements that are needed to put things in order, we will highlight the UNICITRAL Model Law for Electronic Transactions. This is the basic fundamental law, issued by the UN special committee, to legalize and regularize the newly emerged electronic transactions that changed all our transactions significantly. Without this Model Law, electronic transactions will not have any legal base.

Moreover, we will explain how the Bahraini legislature benefited from the UNICITRAL Model Law in the Electronic Transactions Law of Bahrain. And, also, will highlight the main provisions of the Cyber Law of Bahrain and how this helps in giving the necessary security to all electronic transactions and the associated security to maintain privacy against all criminal acts.

The paper, at the end, will give necessary recommendations to be followed and adopted in Bahrain with the aim of benefiting from secured ITC usage, clean and free from illegal practices… A delicate balance is required here, and the appropriate laws can give this balance.

Dr AbdelGadir Warsama Ghalib is currently a Senior Legal Advisor at the Bank of Bahrain and Kuwait, as well as a professor of Law at the American University of Bahrain. Dr Ghalib has served as a legal advisor at the Central banks of the UAE and Oman, as well as the Sudanese Ministry of Justice. He is a regular speaker at international conferences, and is published in many legal journals and magazines.

Senior Legal Advisor & Senior Manager Legal Det , BBK (Bank of Bahrain & Kuwait – A leading bank in the Gulf Countries – Holder of other banks & investment companies including Islamic banks)

Professor of law , UCB & NYIT – American University – Bahrain

2000 – 2003:

Legal Advisor to HIS HIGHNESS SHEIKH HAMAD - AMIR of QATAR

Title of Presentation & Brief Abstracts

Microsoft Digital Transformation in Health

Health needs are infinite, but our resources finite. Microsoft digital Transformation journey explores how Microsoft's powerful and intelligent cloud platforms can enable health digital transformation, helping better Engage with patients, empower our care teams, optimize clinical and operational effectiveness, Transform the care continuum for the organization and making individuals and communities around the world healthie.

Eng. Mohammed A. Saleh
Health Director for Middle East and Africa
Microsoft Gulf

Mohammed Saleh is Microsoft Health Industry Market Development Director, Microsoft Cooperation. Mohammed is working within the highest levels of governments, ministries of health, partners and many international in Gulf & MEA countries to develop country health strategy and plans to help scope, design and implement large-scale healthcare solutions leveraging Microsoft Digital transformation assets, Technologies, Products and Solutions.

His Academic background is B.Sc. Engineering in Computer Science. Mohammed has project management certification PMP from PMI organization.

Uses of geographic information system to improve citizen services Tasareeh System

- Bahrain Spatial Data Infrastructure
- How to enable the government to support efficient Geo services?

Shaikha Eng. May Mohamed A.W. Al Khalifa

Information & eGovernment Authority

Head Data Development - Directorate of geographic information system (GIS) at the Information & eGovernment Authority (iGA) Kingdom of Bahrain

The use of Social Media Tools to support Economic Growth

Ali Sabkar
Founder & President of Social Media Club
Bahrain

Ali SABKAR is the Founder & President of Social Media Club Bahrain who was the first to lead the social media activities & events in Bahrain. He is the Founder of the largest virtual Marketing Network for individuals & organizations involved in Marketing in Bahrain & GCC with a community of over 4,000 members.

Title of Presentation & Brief Abstracts

SABKAR has over 15 years of experience in Marketing, Media, PR , Branding & Production as he started his marketing agency in 90s. He founded eCommerce Projects Company leading the development of more than 300 corporate websites in Bahrain, Kuwait & KSA. Sabkar established the Social Media Blog www.eHulool.com; leading +60 professional contributors published digital media latest trends, news & articles.

He was appointed as the eMarketing Project Manager of Zain Bahrain in 2007 to lead the e-initiatives and to establish the eMarketing functions that now is managing the number one telecom Facebook page in Bahrain. Ali SABKAR is an eMarketing Expert & Speaker of Making The Most Out of eMarketing for Organizations. He spoken at many conferences in the Middle East and more than 10,000s participants attended his training workshops in Bahrain & KSA. Sabkar won Bahrain Youth eMarketing Award in 2010 & Best Use of Social Media Award – Middle East Internet Awards in 2011. Recently he was selected as Youth of the Month June 2012 by leading youth eNewspaper YSBNews.com. Ali SABKAR has great experience in NGOs. He is a co-founder of Bahrain Society for Giftedness & Creativity (BSGC), a Board Director for 3 years at Bahrain Internet Society (BIS) and a member of Bahrain Society for Strategic Planning (BSSP) and recently he is appointed to lead the Social Media Middle East Chapters.

Sabkar is a co-author of a recent published book "WHY MARKETING Middle East" with 2 well known international internet marketing experts; it is The Revolutionary Strategy to Attract Ideal Customers.

Ali Sabkar is been ranked among Top100Arabs.com as per Klout.com social media measurement.

5G networks and its applications

1. 4G networks and its applications

2. 4G-Advanced networks and its applications

3. 5G networks and its applications

Isa AlHeddi
Acting Manager
Spectrum Management
TRA Bahrain

Education

Ahlia University – Bahrain

- Bachelor of Science in Mobile and Network Engineering

Royal College of Surgeons in Ireland – Medical University of Bahrain

- Science foundation in Medical Studies

Work Experience

- Bahrain Telecommunications Regulatory Authority (TRA) May 2014 - Present

Acting Manager, Spectrum /management Department

- Bahrain Internet Exchange (BIX)

- Project Coordinator in ICT Department

Awards, Certificates and Extra Curricular Activities

• Voice over LTE Summit. • Spectrum Management Training Workshop – Policy Tracker. • Training course on Homologation Procedures and Type Approval Testing for Mobile Terminals.• Completed courses in Business Strategy and Dispute Resolution: Skills & Strategies for the Regulatory Environment addressed by Bond University. • EFQM – Journey to Excellence Training. • Completed a course in Radio Principles and 2, 3,4G Mobile technologies addressed by WRAYCASTLE representative. • Volunteered as a tutor addressing weekly lessons in Control System, CCNA and Applied Probability. • Led a group of five BIX employees to conduct site survey to decide the best locations to accommodate the Smart Containers.

Electronic Transformation for the Government Services

e-Transformation is to transform the way government delivers its services to its beneficiary Stakeholder (Government, Citizens & Business) from the conventional ways to the digital age. The Information and eGovernment Authority in Kingdom of Bahrain drives the Government entities in planning and implementing electronic initiatives that are aimed at delivering government services to meet the needs and expectations of the customers.

Any e-Transformation initiative cannot be successful without the execution of a well laid down Business Process Reengineering Plan, creative eService Delivery across different channels, as well as solid and cohesive Change Management Plan and well-studied awareness and marketing campaigns

Mohamed Abdulaziz Abdulla

Acting Director, eServices & Channel Enhancement Directorate
Information & eGovernment Authority – Kingdom of Bahrain

He is one of the eservices pioneers in Bahrain and has over 18 years of experience in the field of Information Communication Technology within various government entities. He has been instrumental in key areas like business process re-engineering, Integrated government system development and leading various departments within major governments' entities

As the In charge of managing both internal & outsourced teams, he enabled teams to perform the complete rollout of eGovernment electronic channels such as the national portal, mobile apps platform and the eKIOSK. Under his able leadership, the teams have completed the delivery of more than 300 eServices for 30 different government entities across these electronic channels.

Holds MBA, B.Sc. in Computer Science, and Certified IT Business Manager (ITBMC) from Belmont University.

The Shift to Cloud Computing in Higher Education

Academics and professionals are invited to discuss obstacles that face academia in the integration of Cloud Computing Services and the perceptions of the shift from IT asset to paid service.

Raghda Zahran

BICT Programme Manager: Management Information Systems - Bahrain Polytechnic

BICT Programme Manager: Management Information Systems

Raghda worked for more than fifteen years in industry and academia; exploiting the power of hardware and software to meet various businesses (healthcare, banking, insurance) objectives. Holding masters in network and computer security Raghda currently works in higher education as an advocate to technology as service and big data; researches assessments methods and supports successful information technology projects and products.

Impact of massive open online courses on engineering education

The technological concept of massive open online courses (MOOC) will be described and place it in a broader context with respect to open learning, their impact on online education and the changes underway in higher education in the era of globalization of education and education budgets restrictive. Definition of MOOC and its impact on teaching at academic and vocational institutes. Review to the most important MOOC platforms. As well as highlighting the global challenges faced by this type of educational technology. Finally, a review to the current and future trends in engineering education, which undoubtedly have a great impact in redrawing the map of engineering education on a global level in the foreseeable future

Dr. Wael Rasheed A.Majeed

ALKhwarizmi College of Engineering University of Baghdad

EDUCATION :
PhD Mechanical Engineering, University of Baghdad, 2009.

CURRENT JOB
- Instructor in Al-Khwarizmi Engineering College, University of Baghdad. • Member of Iraqi Engineers Union Council.
- Head of Cultural Activities Committee in Iraqi Engineers Union.

PREVIOUS JOBS
- Head of Mechatronics Engineering Department - 4 years • Postgraduate studies coordinator, Mechatronics Engineering Department - 2 years • Undergraduate studies coordinator, Mechatronics Engineering Department - 2 years

PUBLICATIONS
- 13 Scientific papers published in Arabic & International Engineering journals
- 6 Books published in Germany & USA

SCIENTIFIC ACTIVITES
- Editorial Board member in Alkwarizmi Engineering Journal , University of Baghdad • Reviewer in 5 Arabic and 2 international scientific journals • Member of scientific committee for several conferences and workshops
- Supervising of 8 M.Sc student thesis in Mechatronics engineering field. • Participating in the assessment the curriculum for the several engineering colleges in Iraq

PROFESSIONAL MEMBERSHIPS
- Iraqi Engineers Union (Consultant) since 1993. • American Society of Mechanical Engineers (ASME) since 1996.
- Institute of Electrical and Electronics Engineers (IEEE) since 2011. • Engineering for Change (E4C) since 2014
- American Society of Engineering Education (ASEE) since 2014 • Federation Of Arab Engineers since 2015

Qualifying Telecommunications Engineers to work for mobile operators networks

Due to the huge increment in the graduated number of telecom engineers in the last five years in the region and in Jordan specifically; the need to have a ready engineer to join the work force is getting crucial to contribute in reducing the unemployment queue and to minimize the costly learning phase duration.

In General the program aims to bridge the gap between theoretical tutorial and real life by qualifying telecommunication engineers to be able to work in the local and regional Telecommunications operators; by the end of the program and upon completion successfully the requirement of the program, each participant will be able to:

Basil Omari

Jordan Engineers Association
Member of Electrical Engineering Council

- Understand the basic components of any telecommunication network
- Get familiar with the GSM network components and technologies including 2G/3G/4G/WiMAX
- Understand the main core network elements and their functions including circuit and packet switching systems.
- Distinguish between different transmission types and their features including fiber and microwave technologies.

20+ years of experience in the major telecom operators.
- Electronics & Telecommunications BSc 1991, Baghdad • Transmission planning manager at Umniah till now.
- MDS Technical manager at Umniah • Transmission and access manager at Batelco Jordan
- Principle chief engineer at Zain Jordan • Lucent technologies Riyadh KSA
- National fiber program at Jordan telecom (Orange) • Certified trainer in the telecom field at JEA
- Consultant in the fiber and microwave technologies. • Rank: Consultant Engineer in Telecommunication Engineering (Membership: 406229)

Strategic Partner

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Telecommunications Regulatory Authority

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If you get it, share it

IET
Local Network

IEEE
Bahrain Section