

Biography Document

IEEE Fellowship Program Participants

IEEE 802 Local Area Networks/Metropolitan Area Networks Standards
Committee (IEEE 802) Plenary

10-15 March 2019

Vancouver, British Columbia, Canada

Afşin Büyükbaş

**Head, Spectrum Management Department
Information & Communication Technologies Regulatory Authority (ICTA)
Turkey**



IEEE 802 interest areas:

IEEE 802.11 Wireless LAN Working Group
IEEE 802.18 Radio Regulatory TAG
IEEE 802.22 Wireless Regional Area Network
IEEE 802.24 Vertical Applications TAG

Afşin Büyükbaş is the Head of the Spectrum Management Department at the Information and Communication Technologies Regulatory Authority of Turkey. He has been with the Information and Communication Technologies Regulatory Authority of Turkey since 2001; as ICT Chief Expert (until 2015) and as Director of the Consumer Relations Department (2015-2016).

Prior to joining the Information and Communication Technologies Regulatory Authority of Turkey in 2001, Mr Büyükbaş was Electrical & Electronics Engineer (2000-2001) and Electrical & Electronics Engineer Assistant (1995-2000) at Oba Construction Ltd.

Mr Büyükbaş obtained an MBA from the University of Cambridge in 2009, a Master of Science from the Middle East Technical University in Electrical and Electronics Engineering (2004) and a Bachelor of Science from Gazi University in Electrical and Electronics Engineering (2000).

Mr Büyükbaş has experience in authorisation regulations, GSM additional frequency auctions and 3G auctions, mobile regulations and project engineering. He participated in access regulations studies and several domestic and international symposia & conferences.

His Excellency Al-Ansari Mohammad Almashakbeh

**Vice-Chairman-Secretary General
Telecommunications Regulatory Commission (TRC)
Jordan**



IEEE 802 interest areas:

IEEE 802.24 Vertical Applications TAG

IEEE 802.18 Radio Regulatory TAG

IEEE 802.19 Wireless Coexistence Working Group

IEEE 802.22 Wireless Regional Area Networks

Al-Ansari Mohammad Almashakbeh was appointed as a member of the Telecommunications Regulatory Commission of Jordan (TRC) board of Commissioners in September 2011, and appointed as Vice-Chairman in September 2015.

His experience extends to over 22 years of practical specialized experience in the various fields of ICT and its aspects of regulations (legal, economic/commercial and technical) and technology issues. His specialty focuses on the fields concerning the regulation of access and interconnection, standards issues, numbering, licensing, and technical and technological studies, consumer protection, in addition to his experience in regulating the postal sector

Eng. Al-Mashakbeh joined TRC in 1996, and served during his service in a number of leading managerial positions, the latest being in 2005 as Director of the Regulatory Department, where he provided advice to the CEO of the TRC on all regulatory and licensing matters and recommend the necessary course of actions

As TRC representative, he participated in various committees assigned with drafting a number of draft laws, bylaws and regulations related to the ICT and Postal sectors. He also represented Jordan in several ITU meetings; specifically as Head of the Jordan delegation for the ITU Plenipotentiary Conference in 2010 and 2018; WTDC in 2017, 2014 and 2010; WTSA in 2016 and 2012, as well as WCIT in 2012.

He is currently member of the Bureau of the Telecommunication Development Advisory Group (TDAG) of the ITU-D sector.

Eng. Al-Mashakbeh holds a Master's Degree in Digital Communication Systems & Technology from Chalmers University of Technology, Sweden (2002). He also obtained a specialized certificate in telecommunications regulation from City University, UK (1998).

Erick Alphonse Massawe

**Standards Officer, Electronics and Telecommunication Engineering
Tanzania Bureau of Standards (TBS)
Tanzania**



IEEE 802 interest areas:

IEEE 802.11 Wireless LAN Working Group

IEEE 802.3 Ethernet Working Group

Erick Alphonse Massawe is Standards Officer in Electronics and Telecommunication Engineering at the Tanzania Bureau of Standards (TBS). He has two years' experience in standardization and quality assurance.

Prior to joining TBS, Mr Massaw worked with the Kilimanjaro International Institute of Telecommunication, Electronics and Computer (KIITEC) as Telecommunication and Electronics Instructor and then as Educational Director.

Mr Massawe received his Master of Science degree in Information and Communication Science and Engineering (major: Telecommunications Systems Engineering) from the Nelson Mandela African Institution of Science and Technology (NM-AIST) in 2013. He also holds a Bachelor of Honours degree in Electronics and Communication Engineering from the St Joseph University in Tanzania (SJUIT) (2010).

His research interests include electronics, network design, biomedical engineering, data communication, data transmission and wireless sensor networks.

Mr Massawe is a member of the Institution of Engineers Tanzania.

Orhan ÖĞE

Board Member

**Information and Communications Technologies Board
Information & Communication Technologies Regulatory Authority
(ICTA)
Turkey**



IEEE 802 interest areas:

IEEE 802.11 Wireless LAN Working Group

IEEE 802.18 Radio Regulatory TAG

IEEE 802.22 Wireless Regional Area Network

IEEE 802.24 Vertical Applications TAG

Orhan Öge is a Member of Information and Communications Technologies Board, the decision making body of Information & Communication Technologies Regulatory Authority (ICTA) of Turkey.

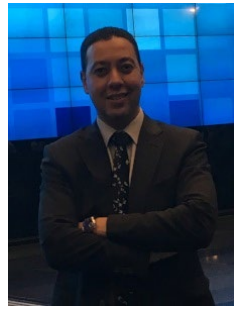
Mr Öge has served as District Governor, Private Lawyer, Deputy General Manager of Coastal Safety General Directorate of Turkey, Board Member, Chairman of the Board of Turkish Coastal Safety Administration of Cyprus, Vice President of Information and Communications Technologies Authority (ICTA) of Turkey, and Deputy Undersecretary at the Undersecretariat of Defence Industries of the Ministry of Defence.

Orhan Öge received his LLB from the Istanbul University, School of Law, Turkey in 1983. Between 1989-1990, he attended a program in The Tampa School of Berlitz.

Dr. Ramy Ahmed Fathy, PhD

**Director, Digital Services Planning and Risk Assessment
National Telecom Regulatory Authority (NTRA)
Egypt**

**Vice Chairman, ITU-T SG20 on IoT and its Applications, including
Smart Cities and Communities
Switzerland**



IEEE 802 interest areas:

IEEE 802.11 Wireless LAN Working Group

IEEE 802.15 Wireless Personal Area Network (WPAN) Working Group

IEEE 802.19 Wireless Coexistence Working Group

IEEE 802.24 Vertical Applications TAG

Ramy Ahmed Fathy is the Director of Digital Services Planning and Risk Assessment at the Egyptian National Telecom Regulatory Authority (NTRA).

In his role, he seeks the development and implementation of sustainable and effective digital services in the Egyptian market. His role at NTRA includes the development of guidelines, regulatory frameworks, viable business models, and effective specifications & technical operating parameters, which ensure efficient and effective services' operation. He leads the design and development of intelligent and digital services; addressing interoperability, risk, regulatory impact assessment and services' market adoption while employing tools related to radio network planning, transport design, market modeling, and optimization.

Mr Fathy has been actively involved in the different stages of development of various intelligent ICT systems and services, in addition to numerous ICT-for-development and digital transformation initiatives, including national broadband networks, smart cities, m2m and IoT enabling regulatory frameworks, smart utilities, eGov, water management, and next generation access planning. His 15 years' experience include project design, budgeting and planning of smart cities, enterprise automation, DTV transformation, and ITS.

Over the past 10 years, Mr Fathy has served in key roles in the international standardization arena. In 2012, he served as the Vice-Chairman of the ITU-T Focus Group of Bridging the Gap between Innovations and Standardization (Focus Group Innovation). One year later, he was elected as the Chairman of the ITU-T Focus Group on Smart Water Management for a period of two years. He has been serving as the Vice Chairman of the ITU-T Study Group 20 (SG20) on IoT and its applications, including smart cities and communities, since late 2015, where he has been leading activities related to the standardization of end-to-end architectures for IoT and smart cities, intelligence, mechanisms for the interoperability of IoT applications, security, and identification aspects of IoT systems.

Mr Fathy holds a PhD in electronics and communications. He has led R&D projects in radio network planning and optimization, cognitive radio systems, video coding, cryptography, DSP/FPGA/GPP-based implementations of consumer electronics products and satellite communication systems. He has achieved numerous publications in esteemed journals and conferences, and he is the author of one book in electronics.

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