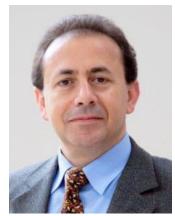
## Wahab Almuhtadi, PhD, P.Eng., SMIEEE, EIC Fellow

# Bio

Dr. Almuhtadi has over 22 years of university and college teaching experience and over 28 year experience in engineering industries including R&D. He is a professor and coordinator of Algonquin College—Carleton University Joint Degree Program "Bachelor of Information Technology/BIT-PLT". He's also R&D Coordinator at Faculty of Technology and Trades,



Algonquin College. He served as a Member of 2017-2022 Algonquin Strategic Plan Advisory Team. Prior to Algonquin College, he worked with Nortel as Team Leader and Senior System Engineer in Optical Solutions R&D.

Dr. Almuhtadi proves remarkable leadership with his strong background in high technology and engineering industry helped the College to become a polytechnic institution. He is Algonquin Applied Research founder leading to \$10.5M funded from various Canadian agencies. He is the founder and designer of \$5M leading-edge Optophotonics Lab/Optical Transport Network-OTN with speed of 0.15-100 Gbps, this lab became fundamental to establishing a new photonics program, teaching lab for education and enhancing student learning, facility to supporting and conducting research, and a coveted national center for high-tech small and medium enterprises-SMEs to test and validate optoelectronics/digital solutions. Dr. Almuhtadi is one of the founders of the new "Centre of Excellence in Next Generation Networks-CENGN," with \$65M funding from Networks of Centres of Excellence Canada, Nokia/Alcatel-Lucent, TELUS, Cisco, Juniper, EXFO, JDSU, Rogers, and Allstream.

He received several recognition awards from IEEE, academia and industry, to name few: 2010 IEEE Leadership Award, 2014 IEEE Canada W.R. Service Award, 2009 Algonquin College Laurent Isabelle Award for Teaching Excellence, and 2006 NISOD Award, and 2015 EIC Canadian Pacific Railway Medal (this medal is one of the highest engineering awards in Canada).

# **IEEE Volunteer Activities**

#### Societies:

2018-2019 Director, IEEE ComSoc North America Board and Member, IEEE ComSoc BoG

2018 President-Elect/2019-2020 President, IEEE Consumer Electronics Society (CESoc) 2017-2018 Vice President, Education, IEEE Consumer Electronics Society (CESoc)

2014-present Member of Board of Governors, CESoc

2014-present Distinguished Lecture Chair, and Education and Webinar Chair, CESoc

2008-2017 IEEE ComSoc Canada Representative and Member of ComSoc North American Board

2008-present Information Technology Coordinator, ComSoc North American Board

### IEEE:

2013-2016 Coordinator/R7 Representative, IEEE Meetings, Conferences, and Events-MCE

2015-2016 IEEE Gaining Global Perspectives Ad-hoc Committee

2015 Conference Finances and Financial Tools Ad-hoc Committee

2015-2016 Selected TAB officers and volunteers

2013/14/15 Nominated to serve as a Member of 2014 IEEE Governance Committee

2013-2014	IEEE Centre for Leadership Excellence Committee Member, MGA
2009-2011	IEEE Member Geographical Activities -Information Management, MGA

#### Region 7 (IEEE Canada):

2017-present	Chair, Publications and Communications Group
2013-2016	Chair, IEEE Canada Conference Advisory Committee
2013-present	Director, IEEE Canadian Foundation Committee
2013-present	Chair, Section Liaison Committee, IEEE Canadian Foundation Committee

2010 2012 Chair IEEE Eastorn Canada (NR NIL NIS ON DE OC)

2010-2012 Chair, IEEE Eastern Canada (NB, NL, NS, ON, PE, QC) 2007-2008 Member of Board of Directors of IEEE Canada

#### **IEEE Ottawa Section:**

2009-present Member of the Senate 2005-present Chair, Award Committee,

2008-present Chair, Communications Society, Consumer Electronics Society and Broadcasting Technology

Society Ottawa Joint Chapter

2010-present Mentor, IEEE Algonquin College Student Branch
 2003-2010 Counsellor, IEEE Algonquin College Student Branch
 2009-2010 Chair, Nomination and Appointment Committee

2007-2008 Chair, IEEE Ottawa Section2006 Vice Chair IEEE Ottawa Section

2005-2008 Chair, Senior Membership Committee1996-2000 Chair, Reliability Society Chapter

### CONFERENCES/SYMPOSIA/WORKSHOPS (not-listed-all):

2021 Executive Conference Chair, International Conference on Communications-(ICC2021)

2018 Member, National Advisory Committee of NetSoft'2018

2014-2018 Executive Committee Member, IEEE International Conference on Consumer Electronics-(ICCE)
2016 Vice Chair, IEEE 2016 International Symposium on Electromagnetic Compatibility-(EMC2016)

2008-2016 Chair, Steering Committee, IEEE Canada Electrical Power Conference-(EPEC)

Gen. Chair, IFIP/IEEE International Symposium on Integrated Network Management-(IM2015)
 Chair, Publication Committee and Advisor, IEEE Radar Conference-2013, Ottawa-Canada
 Executive Conference Chair, International Conference on Communications-(ICC2012)

2010 Co-Chair, Organizing Committee, Information Photonics 2010 conference

2010/2008 Co-Chair, Local Arrangements, IEEE International Workshop on Medical Measurements and

Applications-(MeMeA2010)

2010 Co-Chair, Steering Committee, Workshop on Adverse Response Monitoring-(WARM2010)

2007 Co-Chair, IEEE Canada Electrical Power Conference-EPEC2007

2007 Co-Chair, Organizing Committee, Non-invasive Blood Pressure Measurements & Standardization

Workshop

2006 Chair, Registration, Canadian Conference on Electric and Computer Engineering-CCECE2006

2006 Secretary, Canadian Conference on Electric and Computer Engineering-CCECE2006

2002-2006 Co-Chair and Founder, IEEE Ottawa Electrical Power Symposium-EPS