

# Abd-Elhamid M. Taha, PhD

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## EDUCATION

- PhD 2007 Electrical and Computer Engineering, Queen's University, Canada  
Thesis title: *A framework for radio resource management in heterogeneous wireless networks*  
Advisors: Dr. Hossam Hassanein and Dr. Hussein Mouftah
- MSc 2002 Electrical Engineering, Kuwait University, Kuwait  
Thesis title: *Optimal and near-optimal facility allocation algorithms for planar graph topologies using a dynamic programming approach*  
Advisor: Dr. Ahmed Kamal
- BSc 1999 Electrical Engineering, Kuwait University, Kuwait (Honors)

## EMPLOYMENT

- Apr 17 – present **Vice Dean, Research, Graduate Studies and QAA**  
College of Engineering, Alfaisal University, Saudi Arabia
- Sep 11 – present **Assistant Professor**  
Electrical Engineering Program, Alfaisal University, Saudi Arabia
- Jan 11 – present **Adjunct Assistant Professor**  
School of Computing, Queen's University, Canada
- Apr 17 – Sep 18 **Vice Dean, Academic and Student Affairs**  
College of Engineering, Alfaisal University, Saudi Arabia
- Sep 15 – Jan 18 **Department Chair**  
Electrical Engineering Program, Alfaisal University, Saudi Arabia
- Jan 09 – Dec 10 **Adjunct Assistant Professor (Term)**  
School of Computing, Queen's University, Canada
- Sep 09 – Aug 11 **Researcher, Project Manager**  
School of Computing, Queen's University, Canada
- Sep 07 – Aug 09 **Postdoctoral Fellow**  
School of Computing, Queen's University, Canada
- Jan 07 – May 07 **Lecturer**  
School of Computing, Queen's University, Canada

- Sep 02 – Sep 07 **Research Assistant**  
Electrical & Computer Engineering Department, Queen's University,  
Canada
- Sep 02 – Sep 06 **Teaching Assistant**  
Electrical & Computer Engineering Department, Queen's University,  
Canada
- Jan 00 – Aug 02 **Scientific Assistant**  
Department of Electrical Engineering, Kuwait University, Kuwait
- Sep 99 – Jan 02 **Graduate Student Researcher**  
School of Graduate Studies, Kuwait University, Kuwait
- Sep 99 – Jan 00 **Teaching Assistant**  
Department of Electrical Engineering, Kuwait University, Kuwait
- Oct 99 – Nov 99 **Lecturer**  
Student Society of the College of Engineering, Kuwait University, Kuwait

## TEACHING

- Sep 11 – present **Electrical Engineering Program, Alfaisal University, Saudi Arabia**  
Taught the following undergraduate courses:
- Applied Electromagnetics
  - Communications Theory
  - Computer Architecture
  - Computer Networks
  - Cyber Physical Systems
  - Digital Logic Circuits
  - Electronics I
  - Electronics II
  - Introductory Computer Programming
  - Machine Learning
  - Operating Systems
- Jan 09 – Dec 10 **School of Computing, Queen’s University, Canada**  
Taught the graduate course: *Research Methods for Computer Science*
- Jan 07 – May 07 **School of Computing, Queen’s University, Canada**  
Introduced, developed and taught a new graduate-level course:  
*Paradigms of Wireless and Mobile Networking.*
- Sep 02 – Sep 06 **Electrical and Computer Engineering Dept., Queen’s University, Canada**  
Assisted in teaching and grading undergraduate courses including
- Computer Networks
  - Digital Communication Theory.
- Jan 00 – Aug 02 **Electrical Engineering Dept., Kuwait University, Kuwait**  
Assisted in teaching and grading undergraduate courses including
- Active Filter Design
  - Basic Circuit Analysis
  - Electronics I Lab
  - Electronics II
  - Electronics II Lab
  - Numerical Analysis
- Sep 99 – Jan 00 **Electrical Engineering Dept., Kuwait University, Kuwait**  
Assisted in teaching and grading undergraduate courses including
- Basic Circuit Analysis
  - Introduction to Electromagnetics
- Oct 99 – Nov 99 **Student Society of the College of Engineering, Kuwait University**  
Developed and taught a short course on *Computer Organization.*

## HONORS AND AWARDS

- 2019 - Keynote speaker at the Converging IoT Workshop, IEEE ICC
  - Keynote speaker at the ICCSPA'19
- 2018 - Keynote Speaker at the 21st Saudi Computer Society National Computer Conference
- 2017 - Keynote Speaker at the Engineering Research Forum at Prince Sultan University
- 2016 - Alfaisal University Faculty Awards for Research Excellence
  - Keynote Speaker at the IEEE WCNC Workshop on Novel Waveform and MAC Design for 5G Networks
- 2015 - Alfaisal University CoE Outstanding Faculty of the Year
  - Alfaisal University CoE Outstanding Research Award
  - Alfaisal University CoE Outstanding Teaching Award
  - Alfaisal University CoE Outstanding Faculty Service Award
  - Invited Speaker, Third Saudi International Electronics, Communications, and Photonics Conference (SIECPC'15)
- 2014 - Team supervisor of best capstone project in EE Department, Alfaisal University
  - Team supervisor of best capstone project in College of Engineering, Alfaisal University
- 2012 - Elevated to Senior Member Grade in the IEEE
  - Best Paper Award at the IEEE Global Communications Conference
  - Best Paper Award at the IEEE International Conference on Communications
- 2011 - NSERC Early Career Researcher
  - Best Paper Award at the International Wireless Communications and Mobile Computing Conference
- 2010 - Best Paper Award at the International Wireless Communications and Mobile Computing Conference

## GRADUATE STUDENT SUPERVISION AND MENTORING

Since 2007, I have supervised or co-supervised 4 PhD students and 4 MSc students.

### *At Queen's University, Canada*

#### **PhD Students**

- Sep 14 – present    **Mohannad Alharthi**  
Enhanced Reliability in Software Defined Networks  
*Co-supervised with H. Hassanein*
- Sep 11 – Apr 18    **Abdolmonem Rashwan**  
A Framework for Practical Transport Layer Security in NGNs  
*Co-supervised with H. Hassanein*
- Sep 11 – Feb 16    **Mohammad Tauhid Islam**  
Radio Resource Allocation for Device-to-Device Communications  
Underlying Cellular Networks  
*Co-supervised with S. Akl*
- Sep 10 – Apr 14    **Walid Ibrahim**  
A Framework for Location Management in the Internet of Things  
*Co-supervised with H. Hassanein*

#### **MSc Students**

- Sep 11 – Jan 14    **Mohannad Alharthi**  
Realistic Mobility Modeling for Robots in ns3
- Sep 10 – Nov 12    **Kais Al-Aubidy**  
Interactions Study of Self-Optimizing Schemes in LTE Femtocell Networks  
*Co-supervised with H. Hassanein*
- Sep 08 – Apr 11    **Mohamed Salah**  
Comparing Uplink Schedulers in LTE  
*Co-supervised with H. Hassanein*
- Sep 08 – Aug 10    **Pandeli Kolomitro**  
A Performance Comparison of Frame Structures in WiMax Multi-Hop  
Relay Networks  
*Co-supervised with H. Hassanein*

## **Supervisory Committee**

May 15 – present **Ashraf Mohammed Alkhresheh**

Sep 14 – present **Sara Elsayed**

Jan 14 – present **Sheng Chai**

Nov 12 – present **Faria Khandaker**

## **UNDERGRADUATE STUDENT SUPERVISION AND MENTORING**

Since 2011, I have supervised the following undergraduate capstone and/or research projects.

### ***At Alfaisal University, Saudi Arabia***

Sep 16 – Jun 17 **Aram Sadig Monawar, Raghad Saleh AlTurki, Asma Asim Ali, Halah Faisal D AlSayed, Laila Munther Ihsan Felemban**  
Amending a Solar-Powered Quadcopter with Wireless Power Transfer and Ergonomic RC

Sep 16 – Jun 17 **Shahad Bawardi, Asal Jambi and Mohga Osman, Ahmed ElSakka, Faisal Albasha and Abdulrahman Almoammer, Hamza Khilfawi and Ahmad Alsamsam**  
Designing a Solar-Powered Quadcopter

Sep 14 – Jun 15 **Reem Mahmoud, Alanoud AlTurki, Ouais Saad and Moslah Alyami**  
Designing Efficient Sensor/Actuator Coordination in Humanoid Robots

Sep 13 – Jun 14 **Mubarak Almansouri and Mohannad Krimly**  
A Two-Axis Automated Solar Panel with a Power Processing Unit

## RESEARCH AND PUBLICATIONS

<b>Books</b>	<b>1</b>	<b>Book chapters</b>	<b>5</b>
<b>Journal papers</b>	<b>20</b>	<b>Conference papers</b>	<b>54</b>

### Book

1. **A-E M. Taha**, N. A. Abu Ali and H. S. Hassanein, "LTE, LTE-Advanced and WiMax: Towards IMT-Advanced Networks," Wiley and Sons, in press Nov 2011.

### Book Chapters

1. M. Ali and **A-E M. Taha**, "Wireless networks employing renewable energy sources for industrial applications: innovations, trade-offs and operational considerations", in *Renewable Energy Technologies for Water Desalination*, Edited by H. Mahmoud, N. Ghaffour, M. F. A. Goosen and J. Bundschuh, CRC Press, 2017.
2. **A-E M. Taha** et al, "Drivers for 5G: The Pervasive Connected World", in *Fundamentals of 5G Mobile Networks*, Edited by J. Rodriguez, Wiley, pp. 1–28, 2015.
3. K. Ali, **A-E M. Taha** and H. S. Hassanein, "Medium Access Control in RFID," in *RFID and Sensor Networks: Architectures, Protocols, Security and Integrations*, Edited by Y. Zhang, L. T. Yang and J. Chen, CRC Press, pp. 3–30, 2009.
4. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "A Cost-Controlled Bandwidth Adaptation Algorithm for Multimedia Wireless Networks," in *Resource, Mobility and Security Management in Wireless Networks and Mobile Communications*, Edited by Y. Zhang, H. Hu and M. Fujise. Auerbach Publications, pp. 271–302, 2006.
5. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "On the Application of Stochastic Integer Linear Programming in Allocation Policies for Heterogeneous Wireless Networks," in *Combinatorial Optimization in Communication Networks*, Edited by D.–Z. Du, M. Cheng and Y. Li., Kluwer Academic Publishers, pp. 171–188, 2006.

### Peer-Reviewed Journal Papers

1. N. A. Abu Ali and **A-E M. Taha**, "Integrating Blockchain and IoT/ITS for Safer Roads", *IEEE Network Magazine*. (Submitted)
2. B. Dudin, N. A. Abu Ali, A. Radwan and **A-E M. Taha**, "Resource Allocation with Automated QoS Assessment in 5G/B5G Wireless Systems", *IEEE Network Magazine*. (Accepted).
3. **A-E M. Taha** and N. A. Abu Ali, "Monitoring a Crowd's Affective State: Status Quo and Future Outlook", *IEEE Communications Magazine*, Vol 57, Iss 4, pp. 26-32, Apr 2019.
4. **A-E M. Taha**, "An IoT Architecture for Assessing Road Safety in Smart Cities", *Hindawi's Journal on Wireless Communication and Mobile Computing*, Volume 2018, Article ID 8214989, Nov 2018.
5. **A-E M. Taha** and N. A. Abu Ali, "Route Planning Considerations for Autonomous Vehicles", *IEEE Communications Magazine*, Vol 56, Iss 10, pp. 78-84, Oct 2018.
6. T. Islam, **A-E M. Taha**, and S. Akl, "A Minimum Knapsack based Resource Allocation for Underlying Device-to-Device Communication", *International Journal of Autonomous and Adaptive Communications Systems*, Vol 11, Iss 3, Jul 2018
7. W. Ibrahim, N. A. Abu-Ali, H. Hassanein and **A-E M. Taha**, "Characterizing Multi-hop Localization for Internet of Things", *Wiley's Journal on Wireless Communications and Mobile Computing*, Vol 16, Iss 18, pp. 3316-3331, Dec 2016.

8. K. E. Suleiman, **A-E M. Taha**, H. S. Hassanein, "Handover-Related Self-Optimization in Femtocells: A Survey and an Interaction Study", *Elsevier's Computer Communications*, Vol 73, pp. 82-98, Jan 2016.
9. W. M. Ibrahim, **A-E M. Taha**, H. S. Hassanein, "Using Smart Vehicles for Localizing Isolated Things," *Computer Communications*, Vol 74, pp. 16-25, Jan 2016.
10. N. Nasser, R. Miller, A. Esmailpour, **A-E M. Taha**, and T. Bejaoui, "Optimized Bandwidth Allocation in Broadband Wireless Networks," *Wiley's Journal on Wireless Communication and Mobile Computing*, Vol 15, Iss 17, pp. 2111-2124, Dec 2015.
11. A. M. Rashwan, **A-E M. Taha**, H. S. Hassanein, "Characterizing the Performance of Security Functions in Mobile Computing Systems," *IEEE Internet of Things Journal*, Vol 1, Iss 5, pp.399-413, Oct 2014
12. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "Managing Connection Costs in Heterogeneous Wireless Networks," *Wiley's Journal on Wireless Communications and Mobile Computing*, Vol 14, Iss 12, pp. 1176-1188, Aug 2014.
13. N. A. Abu Ali, **A-E M. Taha**, M. Salah, H. S. Hassanein, "Uplink Scheduling in LTE and LTE-Advanced: Tutorial, Survey and Evaluation Framework," *IEEE Communications Surveys and Tutorials*, Vol 16, Iss 3, pp. 1239-1265, Aug 2014.
14. T. Islam, **A-E M. Taha**, and S. Akl, "A Survey of Access Management Techniques in Machine Type Communications", *IEEE Communications Magazine*, Vol 52, Iss 4, Apr 2014.
15. N. A. Abu Ali, **A-E M. Taha**, H. S. Hassanein, "Quality of Service in 3GPP R12 LTE-Advanced," *IEEE Communications Magazine*, Vol 51, Iss 8, pp. 103-109, Aug 2013.
16. **A-E M. Taha**, P. Kolomitro, H. S. Hassanein and N. A. Abu Ali, "Evaluating Frame Structure Design in WiMAX Relay Networks," *Concurrency and Computation: Practice and Experience*, Vol 25, Iss 5, pp. 608-625, Apr 2013.
17. A. Radwan, H. S. Hassanein and **A-E M. Taha**, "Identifying the Capacity Gains of Multihop Cellular Networks," *Computer Networks*, Vol 54, Iss 2, pp. 278-290, Feb 2010.
18. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "Vertical Handoffs as a Radio Resource Management Tool," *Elsevier's Computer Communications*, Vol 31, Iss 5, pp. 950-961, Mar 2008.
19. N. A. Abu Ali, **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "IEEE 802.16 Mesh Schedulers: Issues and Design Challenges," *IEEE Network*, Vol 22, Iss 1, pp. 58-65, Jan/Feb 2008.
20. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "Extensions for Internet QoS to Mobile IP: A Survey," *IEEE Communications Magazine*, Vol 43, Iss 5, pp. 132-139, May 2005.

### Peer-Reviewed Conference Papers

1. M. Alharthi, **A-E M. Taha**, and H. S. Hassanein, "Dynamic Controller Placement in Software Defined Networks," *IEEE Globecom*, December 2019. (Submitted)
2. M. Alharthi, **A-E M. Taha**, and H. S. Hassanein, "An Architecture for Software Defined Drone Networks," *IEEE ICC*, May 2019.
3. A. Rashwan, **A-E M. Taha**, and H. S. Hassanein, "Using Aiders for Securing Communications of Resource-Challenged Mobile Devices," *IEEE ICC*, May 2019.
4. M. Ali, A. Ali, **A-E M. Taha**, T. N. Gia and I. S. Ben Dhaou, "Intelligent Autonomous Elderly Patient Home Monitoring System", *IEEE ICC*, May 2019.
5. **A-E M. Taha** and N. A. Abu Ali, "A Safe Systems View of IoT/ITS Solutions," *ICCSPA'19*, March 2019.
6. **A-E M. Taha**, "A Framework for Dynamic Assessment of Road Safety in Smart Cities", *IEEE Globecom*, Dec 2018.



7. **A-E M. Taha**, "An Overview of Cognitive Network Solutions", *IEEE CogniNets'18*, Oct 2018. (Accepted)
8. T. H. Mokhtar, A. Oteafy, **A-E M. Taha**, N. Nasser, and S. E. Mansour, "iCE: An Intelligent Classroom Environment to Enhance Education in Higher Educational Institutions", *HCI International*, Jul 2018, pp. 85-93.
9. S. Aleyadeh and **A-E M. Taha**, "An IoT-based Architecture for Waste Management," *IEEE ICC Workshops*, May 2018.
10. M. Ali, T. N. Gia, **A-E M. Taha**, A. M. Rahmani, T. Westerland and H. Tenhunen, "Autonomous Patient/Home Health Monitoring Powered by Energy Harvesting", *IEEE Globecom*, Dec 2017.
11. **A-E M. Taha**, "Facilitating Safe Vehicle Routing in Smart Cities", *IEEE ICC*, May 2017.
12. N. A. Abu-Ali and **A-E M. Taha**, "A Dynamic Scalable Scheme for Managing Mixed Crowds", *IEEE ICC*, May 2017.
13. A. Rashwan, **A-E M. Taha**, and H. S. Hassanein, "Toward Designing an Adaptive Communication Security for the Next-Generation Mobile Computing," *IEEE ICC*, May 2016.
14. T. Islam, **A-E M. Taha**, and S. Akl, "A Stable Matching Algorithm for Resource Allocation in Underlying Device-to-Device Communications," *IEEE ICC*, May 2016.
15. T. Islam, **A-E M. Taha**, and S. Akl, "A Two-Phase Auction-Based Fair Resource Allocation for Underlying D2D Communications," *IEEE ICC*, May 2016.
16. **A-E M. Taha** and N. Nasser, "Utilizing CAN-Bus and Smartphones to Enforce Safe and Responsible Driving," *International Workshop on Distributed Mobile Systems and Services*, Jul 2015.
17. T. Islam, **A-E M. Taha**, and S. Akl, "Reducing the Complexity of Resource Allocation for Underlying Device-to-Device Communications," *IWCMC*, Aug 2015.
18. W. Ibrahim, N. Abu-Ali, **A-E M. Taha**, and H.S. Hassanein, "Side Localization to Increase Localization Accuracy," *IEEE/ACS AICCSA*, Nov 2014.
19. K. E. Suleiman, **A-E M. Taha**, H. S. Hassanein, "Understanding the Interactions of Handover-Related Self-Organization Schemes", *ACM MSWiM*, Sep 2014.
20. K. E. Suleiman, **A-E M. Taha**, H. S. Hassanein, "Standard-Compliant Simulation for Self-Organization Schemes in LTE Femtocells", *IEEE LCN*, Sep 2014.
21. F. Sagezchi, A. Radwan, J. Rodriguez, and **A-E M. Taha**, "Coalitional Relay Selection Game to Extend Battery Lifetime of Multi-standard Mobile Terminals," *IEEE ICC*, Jun 2014.
22. A. Rashwan, **A-E M. Taha**, and H. S. Hassanein, "Characterizing the Impact of Dynamic Resource Management in Message Authentication in Mobiles," *IEEE ICC*, Jun 2014.
23. G. T. Singh, M. Abu-Elkheir, F. M. Al-Turjman and **A-E M. Taha**, "Towards Prolonged Lifetime for Large-scale Information-Centric Sensor Networks," *Queen's Biennial Symposium on Communication*, Jun 2014.
24. M. Alharthi, **A-E M. Taha**, V. Vasilev, and K. Atkinson, "An Acumen/NS-3 Integration for Modeling Networked Cyber-Physical Systems", *Queen's Biennial Symposium on Communication*, Jun 2014.
25. W. Ibrahim, N. Abu-Ali, **A-E M. Taha**, and H.S. Hassanein, "Improving the Accuracy of Simulation Models for Localization Schemes," *IEEE ISSNIP*, Apr 2014.
26. W. Ibrahim, **A-E M. Taha**, and H.S. Hassanein, "Does Multi-hop Communication Enhance Localization Accuracy?," *IEEE Globecom*, Dec 2013.
27. W. Ibrahim, **A-E M. Taha**, and H.S. Hassanein, "Robust Wireless Multihop Localization Using Mobile Anchors," *IEEE ICC*, Jun 2013.
28. M. Harthi and **A-E M. Taha**, "Modeling Mobility for Networked Mobile Cyber-Physical Systems", in *Proceedings of the Workshop on Design, Modeling and Evaluation of Cyber Physical Systems*, CPSWeek, Apr 2013.

29. A. Rashwan, **A-E M. Taha**, and H. S. Hassanein, "Benchmarking Message Authentication Code Functions for Mobile Computing," *IEEE Globecom*, pp. 2585-2590, Dec 2012. (**Best Paper Award**).
30. **A-E M. Taha**, "Green Wireless Networks: A Radio Resource Management Perspective," *IEEE ICC*, Jun 2012.
31. N. Abu Ali and **A-E M. Taha**, "An MDP-based Model for Optimal Relay Selection in OFDMA Cooperative Networks," *IEEE ICC*, Jun 2012. (**Best Paper Award**).
32. W. Ibrahim, **A-E M. Taha**, and H. S. Hassanein, "Scalability Issues in Localizing Things," *IEEE LCN*, Oct 2011.
33. N. Nasser, R. Miller, A. Esmailpour and **A-E M. Taha**, "Utility Optimized Bandwidth Allocation in WiMAX Networks," *IWCMC*, Jul 2011. (**Best Paper Award**).
34. M. Salah, N. A. Abu Ali, **A-E M. Taha** and H. S. Hassanein, "Evaluating Uplink Schedulers in LTE in Mixed Traffic Environments," *IEEE ICC*, Jun 2011.
35. P. Kolomitro, **A-E M. Taha** and H. S. Hassanein, "A Performance Comparison of Frame Structures in WiMax Relay Networks," *IEEE LCN*, Oct 2010.
36. K. Elgazzar, M. Salah, **A-E M. Taha** and H. S. Hassanein, "Comparing Uplink Schedulers for LTE," *IWCMC*, Jun 2010. (**Best Paper Award**).
37. N. A. Abu Ali and **A-E M. Taha**, "IMT-Advanced for Body Area Networks: Enabling Technologies," *IWCMC*, Jun 2010.
38. **A-E M. Taha**, "Resource Reservation in Dynamic Spectrum Networks," *IEEE Gulf Cooperative Council (GCC) Conference*, Mar 2009.
39. **A-E M. Taha**, "Towards Comprehensive RRM Frameworks for Heterogeneous Wireless Networks," *ISTA*, Mar 2009.
40. A. Hasswa, H. S. Hassanein and **A-E M. Taha**, "Facilitating 4G Convergence using IMS," *ISTA*, Mar 2009.
41. A. M. Rashwan, **A-E M. Taha** and H. S. Hassanein, "Considerations for Bandwidth Adaptation Mechanisms in Wireless Networks," *Queen's Biennial Symposium on Communications*, Jun 2008.
42. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "Reducing the Cost of Service Delivery in Heterogeneous Wireless Networks," *IEEE Globecom*, Nov 2007.
43. K. Ali, **A-E M. Taha** and H. S. Hassanein, "RFID Anti-Collision Protocol for Dense Passive Tag Environments," *IEEE LCN*, Oct 2007.
44. A. Hasswa, **A-E M. Taha** and H. S. Hassanein, "On Extending IMS Services to WLANs," *IEEE LCN*, Oct 2007.
45. K.A. Ali, H. S. Hassanein, **A-E M. Taha** and H. T. Mouftah, "Directional Cell Breathing: A Module for Congestion Control and Load Balancing in WCDMA Networks," *IWCMC*, Jul 2006.
46. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "A Multi-Class, Sub-Adaptation Module for Forced Vertical Handoffs," *IEEE ISCC*, Jun 2006.
47. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "Exploiting Vertical Handoffs in Next Generation Radio Resource Management," *IEEE ICC*, Jun 2006.
48. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "Evaluating the Performance of Stochastically Triggered Bandwidth Adaptation Algorithms," *IEEE LCN*, Nov 2005.
49. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah "On Reducing the Operational Costs of Bandwidth Adaptation Algorithms," *IEEE Broadnets*, Oct 2005.
50. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "The Effect of Joint Allocation Policies on Preference-Triggered Vertical Handoffs," *IEEE IWCMC*, Aug 2005.
51. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "On the Integration of Internet QoS Paradigms and Ad hoc Networks," *IEEE/ACS AICCSA*, Jan 2004.

52. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "On Robust Allocation Policies in Wireless Heterogeneous Networks," *QSHINE*, Oct 2004.
53. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "Integrated Solutions for Wireless MPLS and Mobile IP: Current Status and Future Directions," *IEEE CCECE*, May 2004.
54. **A-E M. Taha** and A. E. Kamal, "Optimal and Near-Optimal Web Proxy Placement Algorithms for Networks with Planar Graph Topologies," *IEEE ICDCS Workshops*, May 2003.

### Other Publications

1. M. Salah, N. A. Abu Ali, **A-E M. Taha** and H. S. Hassanein, "Designing Standard-Compliant LTE Schedulers", *Wireless World Research Forum*, Apr 2011.
2. **A-E M. Taha**, H. S. Hassanein and H. T. Mouftah, "Overview of QoS Extensions for Mobile IP Networks," Communications and Information Technology Ontario (CITO) Knowledge Network Conference, Ottawa, Canada, Sep 2003.
3. **A-E M. Taha**, "Wireless Ad-Hoc Networks: Characteristics and Challenges," (In Arabic), *Engineers' Magazine*, Publication of the Kuwaiti Engineering Society, Aug 2002.

### KEYNOTE TALKS

1. *Cognitive Networks – Enabling Technologies and the Road Ahead*, 21st Saudi Computer Society National Computer Conference, Apr 2018
2. *Cognitive Networks – Enabling Technologies and the Road Ahead*, Prince Sultan Fourth Engineering Research Forum, Riyadh, Apr 2017
3. *Resource Allocation in D2D Communications*, IEEE WCNC Workshop on Novel Waveform and MAC Design for 5G Networks, Doha, Apr 2016
4. *Next Generation Internet of Things*, Third Saudi International Electronics, Communications, and Photonics Conference, Riyadh, Apr 2015

## INVITED TALKS & SEMINARS

1. *The Internet of Things – A Primer*, Alfaisal University Software Engineering Club (Click-IT) Second Computer Science Education Week, December 2015.
2. *Localization in the Internet of Things: By any means necessary*, Queen's University, Kingston, Jun 2012.
3. Networking Life, Alfaisal University, Riyadh, Oct 2011.
4. *Rethinking Radio Resource Management*, Queen's University, Kingston, Oct 2010.
5. *Handovers as a Network Resource*, Nile University, Cairo, Jul 2010.
6. *Resource Availability: Rethinking RRM*, Avaya, Belleville, Jun 2010.
7. *Handovers as a Network Resource*, German University in Cairo, Cairo, May 2010.
8. *Admissions Management*, Queen's University, Kingston, Jan 2008.
9. *QoS and Traffic Management in Heterogeneous Wireless Networks*, Bell Mobility, Toronto, Dec, 2007
10. *Traffic Management in Heterogeneous and Variable Topology Wireless Networks*, Bell Mobility, Toronto, Oct 2006.
11. *Wireless Heterogeneous Networks – What is Next?*, International Institute of Telecommunications, Montreal, Sep 2006.
12. *Enabling the Wireless City*, Nortel Networks, Ottawa, Jul 2006.
13. *Next Generation Wireless Mesh Networks*, Nortel Networks, Ottawa, May 2006.
14. *Resource Management in Future Wireless and Mobile Networks*, PARTEQ, Kingston, Aug 2005.
15. *QoS in Heterogeneous Wireless Networks*, Ottawa University, Ottawa, Jul 2004.
16. *QoS Provisioning in Wireless Networks*, Nortel Networks, Mar 2004.

## TUTORIALS

1. M2M Communications and Next Generation Global IoT, with N. A. Abu Ali and H. S. Hassanein, *IEEE ICC*, Jun 2014.
2. Remote Wellbeing Monitoring in 4G Networks, with N. A. Abu Ali and H. S. Hassanein, *IEEE ICC*, Jun 2012.
3. *Beyond IMT-Advanced: The next ten years*, with N. A. Abu Ali and H. S. Hassanein, *IEEE ICC*, Jun 2011.
4. *Wireless Broadband in 2020: Looking through the IMT-Advanced Eyehole*, with N. A. Abu Ali, *IEEE VTC-Fall*, Sep 2010.
5. *Enabling Technologies and Standardization Activities of IMT-Advanced*, with N. A. Abu Ali and H. S. Hassanein, *IEEE Globecom*, Dec 2009.
6. *Cognitive Radio Networks: Technologies Enabling Dynamic Spectrum Allocations*, with H. S. Hassanein, *IEEE GCC Conference*, Mar 2009.

## RESEARCH GRANTS AND PROJECTS

*\$2.5M secured in research funds to date.*

- 2019 – 2020 **Co-PI (~\$13K, 50%), Alfaisal University Internal Research Grant (KSA)**  
*Toward Green Campus: Retrofitting Strategy for Energy Efficiency while Enhancing Awareness of Sustainability at Alfaisal University*  
With A. Elabd
- 2019 – 2020 **Co-PI (~\$13K, 50%), Alfaisal University Internal Research Grant (KSA)**  
*Shaping the Vision of Quality of Experience (QoE) for future 5G networks*  
With B. Dudin
- 2018 – 2019 **Co-PI (~\$9.3K, 50%), Alfaisal University Internal Research Grant (KSA)**  
*Autonomous Wearable Bio-Signals Monitoring Platform*  
With M. Ali
- 2017 – 2018 **PI (~\$25K, 100%), KACST – Small Grants (KSA)**  
*AmanRoute: An Internet of Things Architecture for Safety-based Route Planning*
- 2016 – 2017 **PI (\$50K, 100%), Boeing – Talent Pipeline Development (KSA)**  
*Design and Development of a Solar Powered Multirotor-UAV*
- 2016 – 2018 **PI (~\$9.3K, 100%), Alfaisal University Internal Research Grant (KSA)**  
*Exploiting human-undesired routes for driverless cargo vehicles*
- 2016 – 2018 **Co-PI (~\$9.3K, 50%), Alfaisal University Internal Research Grant (KSA)**  
*Smart Waste Management System*  
With S. Aleyadeh
- 2016 – 2018 **Co-PI (~\$9.3K, 50%), Alfaisal University Internal Research Grant (KSA)**  
*Energy Harvesting for Ultra Low Power Platforms for Internet of Things (IoT) Applications and power management ICs*  
With M. Ali
- 2013 – 2014 **Co-PI (~\$13.3K, 50%), Alfaisal University Internal Research Grant (KSA)**  
*Enforcing safe and responsible driving using smartphones*  
With N. Nasser
- 2012 – 2015 **Co-PI (~\$1M, 35%), QNRF NPRP (Qatar)**  
*Remote Monitoring over Sustainable Wireless Networks*  
With N. Abu Ali (lead PI), H. Menouar and H. Hassanein
- 2012 – 2014 **Co-PI (~\$450K, 33%), NSERC Strategic (Canada)**  
*Engaging Vehicles in Ubiquitous Service Networks*  
With H. Hassanein (lead PI) and A. Noureldin

- 2011 – 2014 **PI (~\$94K, 100%), Alfaisal University Startup Fund (KSA)**  
*Modeling Communications Traffic of Wireless Networked Machines*
- 2011 - 2015 **PI (~\$100K, 100%), NSERC Discovery (Canada)**  
*Simplifying Resource Management in Wireless Broadband Networks*
- 2010 – 2012 **Consultant (\$250K), NCDR's NRF (UAE)**  
*A Framework for Designing Reliable Body Area Networks for Remote Wellbeing Monitoring*  
With N. Abu Ali (PI)
- 2008 – 2010 **PDF & Technical Manager (~\$500K), NSERC Strategic (Canada)**  
*Enabling Ubiquitous Mobile Services*  
With H. Hassanein (lead PI), P. Martin and M. Ibnkahla

## **UNIVERSITY COMMITTEE SERVICES**

### ***Alfaisal University, Saudi Arabia***

#### University Level

2018 – 2019 Member, Research Council

2017 – 2018 Member, Scheduling Committee  
Member, Scholarship Committee

2016 – 2017 Member, Scheduling Committee  
Member, Scholarship Committee

2015 – 2016 Member, New Faculty Review Committee  
Member, Provost's Faculty Advisory Committee  
Member, University Council

2014 – 2015 Member, New Faculty Review Committee  
Member, Provost's Faculty Advisory Committee  
Member, Scheduling Committee  
Member, University Council

2013 – 2014 Member, MSc on Nanotechnology Development Committee  
Member, Recruitment Committee  
Member, University Council

2012 – 2013 Member, Scheduling Committee

2011 – 2012 Member, Recruitment Committee  
Member, Scheduling Committee  
Member, Student Orientation Committee

#### **College Level**

2018 – 2019 Engineering Vice Dean, Research, Graduate Studies and Quality Assurance  
Coordinator, Assessment and Continuous Improvement Committee

2017 – 2018 Engineering Vice Dean, Academic and Student Affairs  
Member, Assessment and Continuous Improvement Committee

2016 – 2017 Engineering Vice Dean, Academic and Student Affairs  
Member, Assessment and Continuous Improvement Committee

2015 – 2016 Member, Assessment and Continuous Improvement Committee

2014 – 2015 Chair, Scheduling Committee  
Liaison with College of Science Curriculum Committees

- 2013 – 2014 Member, Electrical Engineering Search Committee  
Member, Recruitment Committee
- 2012 – 2013 Member, Recruitment Committee  
Contributor, College Strategic Plan
- 2011 – 2012 Chair, Recruitment Committee
- 2016 – 2017 Chair, EE Department  
Chair, Assessment and Continuous Improvement Committee  
Member, Electrical Engineering Search Committee  
Member, Scientific Committee
- 2015 – 2016 Chair, EE Department  
Chair, Assessment and Continuous Improvement Committee  
Member, Electrical Engineering Search Committee  
Member, Scientific Committee
- 2014 – 2015 Chair, Assessment and Continuous Improvement Committee  
Chair, Scheduling Committee  
Member, Electrical Engineering Search Committee  
Member, Scientific Committee
- 2013 – 2014 Chair, Graduate Studies Committee  
Chair, Internship Placement Committee  
Chair, Student Affairs Committee  
Member, Assessment and Continuous Improvement Committee  
Member, Recruitment Committee  
Member, Research Committee  
Member, Scientific Committee  
Member, Social and Public Seminar Committee
- 2012 – 2013 Chair, Scheduling Committee  
Chair, Student Affairs Committee  
Member, Assessment and Continuous Improvement Committee  
Member, Recruitment Committee  
Member, Scientific Committee  
Contributor, Research and Graduate Studies Committee  
Contributor, Social and Public Seminar Committee
- 2011 – 2012 Chair, Library Committee  
Chair, Social and Public Seminar Committee  
Member, Assessment and Continuous Improvement Committee  
Member, Scheduling Committee  
Member, Scientific Committee

***Queen's University, Canada***

- 2009 – 2011 Member, University's General Research Ethics Board (GREB)



## **PROFESSIONAL ACTIVITIES**

### **Memberships in Professional Bodies**

Institute of Electrical and Electronics Engineers (IEEE) (Senior Member)  
IEEE Communication Society  
Association for Computing Machinery (ACM)  
Professional Engineers Ontario (PEO) (pending experience review)  
Egyptian Syndicate of Engineers

### **Services within Professional Bodies**

2019 *Secretary*, IEEE ComSoc TC on Communications Software (CommSoft)  
2018 *Executive Member & Student Activities Officer* IEEE Saudi Section Chapter  
2012 *Executive Member & Webmaster* IEEE Kingston Section Chapter  
2011 *Executive Member & Webmaster* IEEE Kingston Section Chapter

### **Competition Organizer and/or Referee**

2018 *Organizer and Referee*  
KSA Local Round for the Third GCC Robotics Challenge  
2015 *Organizer and Referee*  
KSA Local Round for the First GCC Robotics Challenge  
2014 *Referee*  
The 2014 IEEE Communication Society Student Competition  
(serving on behalf of the IEEE Wireless Communications Technical Committee)  
2013 *Referee*  
The 2013 IEEE Communication Society Student Competition  
(serving on behalf of the IEEE Wireless Communications Technical Committee)

## **Conference and Workshop Organization Activities**

2020 **Symposium Co-Chair**

Communication Software, Services, and Multimedia Symposium (CSSM) at the IEEE International Conference on Communications (ICC)

2018 **Workshop Co-Chair**

Workshop on Cognitive Networks (CogniNets)

2014 **Conference Track Co-Chair**

International Conference on Computing, Management and Telecommunications, Conference Track on Engineering Systems and Applications

2013 **Steering Committee Member**

Saudi International Electronics, Communications and Photonics Conference

**Special Session Chair**

IEEE Workshop on Wireless Local Networks

2012 **Workshop Co-Chair**

Workshop on the Design, Modeling and Evaluation of Cyber Physical Systems (CyPhy)

2011 **Workshop Co-Chair**

Workshop on the Design, Modeling and Evaluation of Cyber Physical Systems (CyPhy)

**Conference Track Co-Chair**

IEEE/IFIP International Conference on Embedded and Ubiquitous Computing, Conference Track on Cyber Physical Systems and Internet of Things track

2010 **Workshop Co-Chair**

Workshop on the Design, Modeling and Evaluation of Cyber Physical Systems (CyPhy)  
IEEE Workshop on Wireless Local Networks

2009 **Workshop Co-Chair**

IEEE Workshop on Wireless Local Networks  
Workshop on Advanced Wireless Broadband Networks

2008 **Workshop Co-Chair**

Workshop on Radio Resource Management in Wireless Mesh Networks

## **Conference and Workshop Publicity Chair**

2014 - 2019 Workshop Model-Based Design of Cyber Physical Systems (CyPhy)

2008 IEEE Symposium on Computer Communications

2005 Workshop on Internet Compatible QoS in Ad hoc Wireless Networks

### **Award/Grant Referee**

2016 Umm Al-Qura University – Internal Research Grant

2016 Effat University – Internal Research Grant

2012 Kentucky Science and Engineering Foundation, R&D Excellence Award.

2010 Kentucky Science and Engineering Foundation, R&D Excellence Award

### **Journal/Magazine Editorial Posts**

2013 **Associate Editor**

Canadian Journal on Electrical and Computer Engineering

**Guest Editor**

IEEE Wireless Communications Magazine, Special Issue on “Cooperative and Cognitive paradigms for Green HetNets”

2012 **Associate Editor**

Canadian Journal on Electrical and Computer Engineering

### **Book Referee**

2013 Wiley & Sons

2008 Wiley & Sons

## Technical Program Committee Member

- 2019 IEEE Global Communications Conference  
IEEE International Conference on Communications  
IEEE International Conference on Wireless and Mobile Computing, Networking and Communications  
IEEE Middle East & North Africa Communications Conference  
IEEE Wireless Communications and Networking Conference  
IEEE Workshop on Convergent Internet of Things  
International Conference on Modeling, Simulation and Applied Optimization  
International Wireless Communications and Mobile Computing Conference
- 2018 IEEE Conference on Local Computer Networks  
IEEE Global Communications Conference  
IEEE International Conference on Communications  
IEEE International Multidisciplinary Conference on Engineering Technology  
IEEE Wireless Communications and Networking Conference  
International Wireless Communications and Mobile Computing Conference
- 2017 IEEE Conference on Local Computer Networks  
IEEE Global Communications Conference  
IEEE International Conference on Communications  
IEEE Workshop on Vehicular Information Services for the Internet of Things  
IEEE Wireless Communications and Networking Conference  
IEEE Workshop on Convergent Internet of Things  
International Conference on Wireless Communications and Signal Processing  
International Wireless Communications and Mobile Computing Conference
- 2016 Biennial Symposium on Communications  
IEEE Conference on Local Computer Networks  
IEEE Global Communications Conference  
IEEE International Conference on Communications  
IEEE International Workshop on Pervasive Sensing and Computing in the IoT Era  
IEEE Wireless Communications and Networking Conference  
IEEE Workshop on Convergent Internet of Things  
IEEE Workshop on Distributed Mobile Systems and IoT Services  
IEEE Workshop on Scalable Internet of Things  
International Wireless Communications and Mobile Computing Conference
- 2015 IEEE Conference on Local Computer Networks  
IEEE Global Communications Conference  
IEEE International Conference on Communications  
IEEE Wireless Communications and Networking Conference  
IEEE Workshop on Distributed Mobile Systems and Services  
IEEE Workshop on Wireless Local Networks  
International Conference on Computing and Network Communications  
International Conference on Computing, Management and Telecommunications  
International Wireless Communications and Mobile Computing Conference

- 2014 IEEE Conference on Local Computer Networks  
 IEEE Consumer Communications and Networks Conference  
 IEEE Global Communications Conference  
 IEEE International Conference on Communications  
 IEEE International Conference on Connected Vehicles and Expo  
 IEEE Wireless Communications and Networking Conference  
 IEEE Workshop on Wireless Local Networks  
 International Conference on Computing, Management and Telecommunications  
 International Symposium on Wireless Communication Systems  
 International Workshop on Distributed Mobile Systems and Services  
 Queen's Biennial Symposium on Communications
- 2013 IEEE Conference on Local Computer Networks  
 IEEE Global Communications Conference  
 IEEE Wireless Communications and Networking Conference  
 International Conference on Communications and Information Technology  
 International Conference on Computing, Management and Telecommunications  
 International Conference on Connected Vehicles  
 International Conference on Innovations in Information Technology  
 International Conference on Wireless Communications and Signal Processing  
 International Wireless Communications and Mobile Computing Conference
- 2012 ACM/IEEE/IFAC/TRB International Conference on Connected Vehicles  
 IEEE Conference on Local Computer Networks  
 IEEE Global Communications Conference  
 IEEE International Conference on Communications  
 IEEE International Conference on Communications in China  
 IEEE International Symposium on Personal, Indoor and Mobile Radio Communications  
 IEEE Symposium on Computers and Communications  
 IEEE Wireless Communications and Networking Conference
- 2011 ACS/IEEE International Conference on Computer Systems and Applications  
 IARIA International Conference on Advances in Mesh Networks  
 IEEE Conference on Local Computer Networks  
 IEEE Global Communications Conference  
 IEEE International Conference on Communications  
 IEEE International Conference on Wireless and Mobile Computing, Networking and Communications  
 IEEE International Symposium on Personal, Indoor and Mobile Radio Communications  
 IEEE Wireless Communications and Networking Conference
- 2010 ACS/IEEE International Conference on Computer Systems and Applications  
 IARIA International Conference on Advances in Mesh Networks  
 IEEE Conference on Local Computer Networks  
 IEEE Global Communications Conference  
 IEEE International Conference on Communications  
 IEEE International Conference on Wireless and Mobile Computing, Networking and Communications  
 IEEE International Symposium on Personal, Indoor and Mobile Radio Communications

IEEE Wireless Communications and Networking Conference

- 2009 ACS/IEEE International Conference on Computer Systems and Applications  
IARIA International Conference on Advances in Mesh Networks  
IEEE Conference on Local Computer Networks  
IEEE Global Communications Conference  
IEEE International Conference on Communications  
IEEE International Conference on Wireless and Mobile Computing, Networking and Communications  
IEEE International Symposium on Personal, Indoor and Mobile Radio Communications  
IEEE Wireless Communications and Networking Conference
- 2008 ACS/IEEE International Conference on Computer Systems and Applications  
IARIA International Conference on Advances in Mesh Networks  
IEEE Conference on Local Computer Networks  
IEEE Global Communications Conference  
IEEE International Conference on Communications  
IEEE International Conference on Wireless and Mobile Computing, Networking and Communications  
IEEE International Symposium on Personal, Indoor and Mobile Radio Communications  
IEEE International Workshop on Heterogeneous Wireless Networks: Resource Management and QoS  
IEEE Wireless Communications and Networking Conference
- 2007 IEEE Conference on Local Computer Networks  
IEEE International Workshop on eSafety and Convergence of Heterogeneous Wireless Networks  
IEEE International Workshop on Heterogeneous Wireless Networks: Resource Management and QoS
- 2006 IEEE Conference on Local Computer Networks  
IEEE International Workshop on eSafety and Convergence of Heterogeneous Wireless Networks  
IEEE International Workshop on Heterogeneous Wireless Networks: Resource Management and QoS  
IEEE International Workshop on Radio Resource Management for Wireless Cellular Networks
- 2005 IEEE Conference on Local Computer Networks  
IEEE International Workshop on Radio Resource Management for Wireless Cellular Networks  
IEEE Symposium on Heterogeneous Wireless Networks

## Journal Referee

- 2019 IEEE Intelligent Transportation Systems Magazine  
IEEE Communications Magazine  
IEEE Network Magazine  
IEEE Transactions on Vehicular Technology  
Springer's Arabian Journal for Science and Engineering  
Wiley's Transactions on Emerging Telecommunications Technologies
- 2018 Hindawi's Wireless Communications and Mobile Computing  
IEEE Access  
IEEE Communications Magazine  
IEEE Transactions on Industrial Informatics  
International Journal of Communication Systems
- 2017 Elsevier's Computer Communications  
Elsevier's Expert Systems with Applications  
Elsevier's Future Generation of Computer Systems  
IEEE Communications Magazine  
International Journal of Communication Systems
- 2016 Elsevier's Computer Communications  
Elsevier's Computers and Electronics in Agriculture  
Elsevier's Vehicular Communications  
IEEE Communications Magazine
- 2015 Elsevier's Computer Communications  
EURASIP Journal on Wireless Communications and Networking  
Hindawi's International Journal of Vehicular Technology  
IEEE Communications Magazine  
IEEE Transactions on Wireless Communications  
IEEE Transactions on Emerging Topics in Computing
- 2014 International Journal of Sensor Networks (IJSNET)  
Elsevier's Journal of Computer Networks
- 2013 Elsevier's Computers and Electrical Engineering  
Elsevier's Journal of Computer Communications  
Hindawi's International Journal of Vehicular Technology  
IEEE Communications Magazine  
IEEE Communications Surveys and Tutorials  
IEEE Wireless Communications Magazine  
Inderscience's International Journal of Wireless and Mobile Communications  
Wiley's Journal of Wireless Communications and Mobile Computing
- 2012 Elsevier's Ad Hoc Networks, Elsevier  
Hindawi's EURASIP Journal on Wireless Communications and Networks  
IEEE Communications Magazine  
Inderscience's International Journal of Wireless and Mobile Communications

Wiley's Journal of Wireless Communications and Mobile Computing

- 2011 Hindawi's EURASIP Journal on Wireless Communications and Networks  
Elsevier's Journal of Computer Networks  
IEEE Transactions on Communications  
Inderscience's International Journal of Wireless and Mobile Communications  
Wiley's Journal of Wireless Communications and Mobile Computing
- 2010 Elsevier's Computers and Electrical Engineering  
Elsevier's Journal of Computer Communications  
Elsevier's Journal of Computer Networks  
Hindawi's Mathematical Problems in Engineering  
IEEE Communications Magazine  
IEEE Transactions on Mobile Computing  
IEEE Wireless Communications Magazine  
Wiley's Journal of Wireless Communications and Mobile Computing
- 2009 Elsevier's Computers and Electrical Engineering  
Elsevier's Journal of Computer Communications  
Elsevier's Performance Evaluation  
IEEE Communications Magazine  
IEEE Transactions on Communications  
IEEE Wireless Communications Magazine  
Wiley's Journal of Wireless Communications and Mobile Computing
- 2008 Wiley's Journal of Wireless Communications and Mobile Computing  
Elsevier's Journal of Computer Communications  
IEEE Communications Magazine  
IEEE Wireless Communications Magazine
- 2007 Wiley's Journal of Wireless Communications and Mobile Computing  
Elsevier's Journal of Computer Communications  
IEEE Communications Magazine
- 2006 Wiley's Journal of Wireless Communications and Mobile Computing  
IEEE Communications Magazine
- 2005 Wiley's Journal of Wireless Communications and Mobile Computing  
IEEE Network Magazine  
IEEE Communications Magazine
- 2004 Wiley's Journal of Wireless Communications and Mobile Computing
- 2003 Elsevier's Journal of Parallel and Distributed Computing



## Conference Referee

- 2017 IEEE Canadian Conference on Electrical and Computer Engineering  
IEEE Conference on Computer Communications  
IEEE International Workshop on 5G in Internet of Things
- 2016 IEEE Conference on Computer Communications
- 2015 IEEE Conference on Computer Communications
- 2014 IEEE International Conference on High Performance Switching and Routing  
International Wireless Communications and Mobile Computing Conference
- 2013 IEEE Conference on Computer Communications
- 2012 IEEE International Conference on Computer Communications  
IEEE International Conference on Wireless and Mobile Computing, Networking and Communications  
IEEE Vehicular Technology Conference  
IEEE Workshop on Wireless Local Networks  
International Conference on Communications, Networking and Internet Technology  
International Conference on Wireless Communications and Mobile Computing
- 2011 IEEE International Conference on Computer Communications  
IEEE International Conference on Computer Communications and Networks  
IEEE International Conference on Computing, Networking and Communications  
IEEE Symposium on Computers and Communications
- 2010 IEEE International Conference on Computer Communications  
IEEE Vehicular Technology Conference  
IFIP International Conference on New Technologies, Mobility and Security
- 2009 IEEE GCC Conference and Exhibition  
IEEE International Conference on Multimedia Computing and Information Technology  
The International Conference on Information Science, Technology and Applications
- 2008 IEEE Vehicular Technology Conference
- 2007 ACS/IEEE International Conference on Computer Systems and Applications  
Annual Conference on Communication Networks and Services Research  
IEEE Consumer Communications and Networking Conference  
IEEE Global Conference on Communications  
IEEE International Conference on Communications  
IEEE Wireless Communications and Networking Conference  
International Conference on Wireless Communications and Mobile Computing

- 2006 IEEE Consumer Communications and Networking Conference  
 IEEE Global Conference on Communications  
 IEEE International Conference on Communication Systems  
 IEEE International Conference on Communications  
 IEEE Vehicular Technology Conference  
 IEEE Wireless Communications and Networking Conference  
 International Conference on Wireless Communications and Mobile Computing  
 Queen's University Biennial Symposium on Communications
- 2005 IEEE Conference on Sensor and Ad Hoc Communications and Networks  
 IEEE Consumer Communications and Networking Conference  
 IEEE Global Conference on Communications  
 IEEE International Conference on Broadband Networks  
 IEEE International Conference on Communications  
 IEEE Malaysia International Conference on Communications – International Conference on Networks  
 IFIP/IEEE International Conference on Wireless and Optical Communication Networks  
 International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness  
 Workshop on eSafety and Convergence of Heterogeneous Wireless Networks
- 2004 ACM Workshop on Performance Evaluation of Wireless Ad Hoc, Sensor, and Ubiquitous Networks  
 IASTED International Conference on Communications, Internet, and Information Technology  
 IEEE Conference on Local Computer Networks  
 IEEE Consumer Communications and Networking Conference  
 IEEE Global Conference on Communications  
 IEEE International Conference on Communications  
 IEEE International Conference on Parallel Processing  
 IEEE International Performance Computing and Communications Conference  
 IEEE Symposium on Computers and Communications  
 International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness
- 2003 ACM Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems  
 IEEE International Conference on Communications  
 IEEE International Performance Computing and Communications Conference