CURRICULUM VITAE
EYHAB AL-MASRI

RESEARCH INTERESTS

Embedded systems, cyber-physical systems, Internet of Things (IoT), intelligent real-time systems, predictive analytics, and productivity tools for software engineers and data scientists.

h-index: **16**,   i10-index: **22**,   Citations: **1650**

My Google Scholar Top Citations:
- Investigating Web Services on the World Wide Web   380+
- QoS-Based Discovery and Ranking of Web Services   350+
- Discovering the Best Web Service   240+

EDUCATION

2009   **Ph.D. in Computer Science**
School of Computer Science
University of Guelph - Guelph, Ontario, Canada
Thesis: Quality-Driven Discovery and Ranking of Web Services*
Specialization: Service-Oriented Architecture, Data Analytics, Service Composition on Enterprise Service Bus, Mobile Computing
* Received an **Honorable Mention** for the ProQuest Doctoral Dissertation Award (2009)
* Nominated for **ACM Doctoral Dissertation Award** by U of Guelph, Ontario, Canada (2009)
* Nominated for **SIGKDD Doctoral Dissertation Award** by U of Guelph, Ontario, Canada (2009)
* **Best Student Paper Award** at the 17th International World Wide Web Conference (Top Three Finalists)
* **Best Poster Paper Award** at the 16th International World Wide Web Conference (Finalist)

2002   **M.Sc. in Electrical Engineering**
Department of Electrical and Computer Engineering
Florida International University - Miami, Florida, USA
Thesis: A Practical System for Hands-Off Computer Interaction Based on EMG/Eye Gaze Tracking*
Specialization: Digital Signal Processing, Human-Computer Interaction, Machine Learning
* Received **Best University Scientific Research** Award, Florida International University, (2002)

2000   **B.Sc. in Computer Engineering**
Department of Electrical and Computer Engineering
Florida International University - Miami, Florida, USA

AWARDS & HONOURS

Year	Award/Honour
2017	26th International World Wide Web Conference, *Perth, Australia* Selected to serve as **Tutorial Track Chair** **PC Member** Computational Health Track
2016	25th International World Wide Web Conference, *Montreal, Canada* Selected to serve as **PhD Symposium Track Chair**
2016	13th Web for All Conference (Education for All on the Web), *Montreal, Canada* Selected to serve as **PC Member**
2016	6th International Conference on Digital Health, *Montreal, Canada* Selected to serve as **PC Member**
2016	Applications of Augmented Reality and Interactive Multimedia Technology, Journal of Advances in Multimedia (Invited to serve as **Guest Editor**)
2015	Applications of Internet of Mobile Things, Journal of Electrical & Computer Engineering Invited to serve as **Guest Editor**
2015	International Journal of Intelligent Systems Design and Computing (IJISDC) Invited to serve as **Editorial Board Member**
2015	International Journal of Big Data Intelligence (IJBDI) Invited to serve as **Editorial Board Member**
2013	University of Ontario Institute of Technology (UOIT) Nominated by for the 2013 **Teaching Excellence Award** *(Top Five Finalists)*
2009	**ProQuest Doctoral Dissertation Award** (*Honorable Mention*) School of Computer Science, University of Guelph - Guelph, Ontario, Canada Dissertation: "Quality-Driven Discovery and Ranking of Web Services" Administered by ASIS&T: Information Science Education Committee
2009	**Prestigious ACM Doctoral Dissertation Award Nominee** School of Computer Science, University of Guelph - Guelph, Ontario, Canada Dissertation: "Quality-Driven Discovery and Ranking of Web Services"
2009	**SIGKDD Doctoral Dissertation Award Nominee** School of Computer Science, University of Guelph - Guelph, Ontario, Canada Dissertation: "Quality-Driven Discovery and Ranking of Web Services"
2008	**Best Student Paper Award** (*Top Three Finalists*) 17th International World Wide Web Conference Paper Title: "Investigating Web Services on the World Wide Web"
2008	**Student Travel Award** 17th International World Wide Web Conference
2007	**People at Guelph** Featured article on my PhD research work (07-06-2006)

2007	**Best Poster Award** (*Finalist*) 16th International World Wide Web Conference Paper Title: "Crawling Multiple UDDI Business Registries"
2007	**Student Travel Award** 16th International World Wide Web Conference
2007	**Ontario Grad Scholarship in Science & Technology** Winter 2007
2000-2002	**Department of Electrical & Computer Engineering Scholarship** Florida International University – Miami, Florida, USA
2002	**Scholarly Forum at Florida International University (FIU)** *Awarded First Prize for Best University Scientific Research*

FUNDING

Intel Corporation (Intel Academic Initiative). Transforming Computing Education using Experiential Learning. $20,000 (2015).

Orvidia Inc.: Towards Smarter Hospitals. An RFID-Based Approach. $164,000 (2013-2016).

EMPLOYMENT

2014 –	**University of Waterloo,** *School of Computer Science, Waterloo, Canada* Sessional Lecturer
2014 –	**Wilfrid Laurier University,** *Business Technology Management, Brantford, Canada* Assistant Professor
2012 –2014	**University of Ontario Institute of Technology,** *Electrical, Computer & Software Engineering* *Business and Information Technology & Department of Computer Science, Oshawa, Canada* Academic Associate / Lecturer
2009 –2011	**Orvidia Inc.** *Kitchener, Canada* Director of Research & Development
2009 –2009	**University of Guelph**, *School of Computer Science, Guelph, Canada* Postdoctoral Fellow
2006 –2008	**University of Guelph**, *School of Computer Science, Guelph, Canada* Research Associate
2002 –2005	**Microsoft (Apptimum Inc.),** *Sunrise, Florida, USA* Software Development Engineer (SDE)

2002 –2003   **Florida International University,** *Department of Electrical and Computer Engineering*
Sessional Instructor

2000 –2002   **Florida International University,** *Department of Electrical and Computer Engineering*
Research Associate

SELECTED COURSES TAUGHT *(experience with teaching over 40 courses)*

Semester	Course Title	Size
University of Waterloo, Waterloo, Ontario, Canada		
Fall 2016	CS 432: Business Systems Analysis	65
Spring 2016	CS 338: Computer Applications in Business: Databases *(2 sections)*	250
Fall 2015	CS 230: Introduction to Computers and Computer Systems	120
Spring 2015	CS 338: Computer Applications in Business: Databases	155
Winter 2015	CS 338: Computer Applications in Business: Databases	120
Fall 2014	CS 338: Computer Applications in Business: Databases	115
Wilfrid Laurier University, Brantford, Ontario, Canada		
Spring 2016	MB315: Data and Knowledge Management	60
Spring 2015	MB315: Data and Knowledge Management	60
Spring 2015	MB385: Systems Analysis & Design	60
Winter 2015	MB115: Information Technology	65
Winter 2015	MB215: Software Development	65
University of Ontario Institute of Technology (UOIT), Oshawa, Ontario, Canada		
Summer 2014	INFR 2140 Object Oriented Programming	24
Winter 2014	SOFE 4840 Software and Computer Security	40
Winter 2014	SOFE 2720 Principles of Software and Requirements Engineering	70
Winter 2014	ENGR 1200 Introduction to Programming for Engineers *(2 sections)*	415
Fall 2013	ENGR 4940 Capstone Systems Design I	6
Fall 2013	EELE 3450 (3140) Microprocessors and Computer Architecture	80
Fall 2013	SOFE 3650 Software Design and Architectures	25
Fall 2013	SOFE 3700 Data Management Systems	25
Spring 2013	ENGR 1200 Introduction to Programming for Engineers	90
Spring 2013	ENGR 1200 Information Technology for Engineers	30
Winter 2013	ENGR 4941 Capstone Systems Design II	7
Winter 2013	ENGR 2720 Principles of Software and Requirements Engineering	50
Winter 2013	ENGR 1200 Introduction to Programming for Engineers *(2 sections)*	360
Fall 2012	ENGR 4940 Capstone Systems Design I	7
Fall 2012	ENGR 3650 Software Design and Architectures	25

Fall 2012	ENGR 3700 Data Management Systems	30
Fall 2012	CSCI 3030 Database Systems and Concepts	35
Summer 2012	INFR 2140 Object Oriented Programming	30
Summer 2012	INFR 2810 Computer Architecture	25
Winter 2012	CSCI 4160 Interactive Media	10
University of Guelph, Guelph, Ontario, Canada		
Summer 2008	DCCT 4140 – Internet Technologies	65
Florida International University (FIU), Miami, Florida, USA		
Fall / Spring 2003	EEL 4006 Development of Dynamic Web Sites	60
Spring 2003	EEL 4006 Development of Dynamic Web Sites	65
Summer 2002	EEL 4006 Development of Dynamic Web Sites	75

PUBLICATIONS

- **Selected Refereed Journal/Lecture Notes/Magazine Publications:**

  Refereed Book Chapters:

  J.1. **E. Al-Masri**, "A Quality-Driven Approach for Ranking Web Services", Book Chapter in New Trends in Networking, Computing, E-learning by K. Elleithy and T. Sobh (eds.), Springer International Publishing Switzerland, pp.599-606, 2015, ISBN: 978-3-319-06763-6.

  J.2. **E. Al-Masri**, Mohamed Hamdi, "RFID-Based Approach for Monitoring Patient's Health Inside Hospitals", Book Chapter in New Trends in Networking, Computing, E-learning by K. Elleithy and T. Sobh (eds.), Springer International Publishing Switzerland, pp.607-613, 2015, ISBN: 978-3-319-06763-6.

  Refereed Journals

  J.3. **E. Al-Masri** "Achieving the Full Potential of IoT", IEEE Pervasive Computing, 2016 (under review)

  J.4. **E. Al-Masri**, "Hands-on Computing: A Hardware Prototyping Learning Approach," ACM In-Roads 2016, under review.

  J.5. **E. Al-Masri** and Q.H. Mahmoud, "MobiEureka: An Approach for Enhancing the Discovery of Mobile Web Services", Personal and Ubiquitous Computing Journal, Springer 1617-4909, 2010.

  J.6. **E. Al-Masri** and Q.H. Mahmoud, "WSB: A Broker-Centric Framework for Quality-Driven Web Service Discovery", Software: Practice and Experience, 40(10): 917-941, 2010.

  J.7. **E. Al-Masri** and Q.H. Mahmoud, "SmartCon: A Context-Aware Service Discovery and Selection Mechanism using Artificial Neural Networks," International Journal of Intelligent Systems Technologies and Applications, Volume 6, No. 1/2, pp. 144-156, 2009.

  J.8. **E. Al-Masri** and Q.H. Mahmoud, "Web Service Discovery and Client Goals", IEEE Computer Magazine, 42(1), pp. 104-107, January 2009.

  J.9. **E. Al-Masri** and Q.H. Mahmoud, "Toward Quality-Driven Web Service Discovery," IEEE IT Professional, 10(3), pp. 24-28, May/Jun, 2008.

J.10. **E. Al-Masri** and Q.H. Mahmoud, "Discovering Web Services in Search Engines," IEEE Internet Computing, 12(3), pp. 74-77, May/Jun, 2008.

J.11. **E. Al-Masri** and Q.H. Mahmoud, "Interoperability among Service Registry Standards". IEEE Internet Computing, pp. 84-87, May/June 2007.

J.12. Q.H. Mahmoud, **E. Al-Masri**, and Z. Wang, "Design and implementation of a smart system for personalization and accurate selection of mobile services", Journal of Requirements Engineering, Volume 2, No. 4, pp. 221-230, 2007.

- **Selected Refereed Conference Publications:**

C.1. **E. Al-Masri**, M. Hamdi, "Transforming Computing Education Using Experiential Learning," 25th International World Wide Web Conference (WWW2016) – wwwAfrica, Montreal, 2016.

C.2. **E. Al-Masri**, M. Hamdi, M. Olyan, "Towards Smarter Hospitals: An RFID-Based Approach," ACM 6th International Conference on Digital Health, Montreal, 2016.

C.3. **E. Al-Masri**, M. Hamdi, "RFID-Based Approach for Monitoring Patient's Health inside Hospitals", 2013 International Conference on Industrial Electronics, Technology & Automation, 2013.

C.4. **E. Al-Masri**, and Q. H. Mahmoud, "A Quality-Driven Approach for Ranking Web Services", International Conference on Systems, Computing Sciences & Software Engineering, Published, 2013.

C.5. **E. Al-Masri**, and Q. H. Mahmoud, "iClass: Improving the Mobile Learning Experience", International Conference on Computing and Information Technology, 2012, pp. 587-592.

C.6. **E. Al-Masri**, and Q. H. Mahmoud, "MLDF: Discovering Mobile Learning Content Using Mobile Devices", International Conference on Computing and Information Technology, 2012, pp. 603-608.

C.7. **E. Al-Masri** and Q.H. Mahmoud, "Understanding Web Service Discovery Goals," IEEE International Conference on Systems, Man, and Cybernetics (SMC), 2009, pp. 3714-3719.

C.8. **E. Al-Masri** and Q.H. Mahmoud, "Discovering the Best Web Service: A Neural Network-based Solution," IEEE International Conference on Systems, Man, and Cybernetics (SMC), 2009, pp. 4250-4255.

C.9. **E. Al-Masri** and Q.H. Mahmoud, "Identifying Client Goals for Web Service Discovery," IEEE International Conference on Services Computing (SCC), pp. 202-209, 2009.

C.10. **E. Al-Masri** and Q.H. Mahmoud, "A Broker for Universal Access to Web Services," IEEE Communication Networks and Services Research Conference (CNSR), pp. 118-125, 2009.

C.11. **E. Al-Masri** and Q.H. Mahmoud, "Device-Aware Discovery and Ranking of Mobile Services," IEEE Consumer Communications and Networking Conference (CCNC), pp. 1-5, 2009.

C.12. **E. Al-Masri** and Q.H. Mahmoud, "Investigating Web Services on the World Wide Web". In Proceedings of the 17th International World Wide Web Conference (WWW2008), pp. 795-804, 2008 – *Top Three Finalists - Best Student Paper Award. (Citations: 425+)*

C.13. **E. Al-Masri** and Q.H. Mahmoud, "Enhancing the Discovery of Mobile Services," MobEA VI: Personal Rich Social Media, 17th International World Wide Web Conference (WWW2008), 2008.

C.14. **E. Al-Masri**, Q.H. Mahmoud, "Relevancy Ranking of Web Services," IEEE International Conference on Systems, Man and Cybernetics (SMC), pp. 783-788, 2007.

C.15. Q.H. Mahmoud, and **E. Al-Masri**, "MSM: A Middleware Architecture for Enhancing Interaction with Mobile Services", 2nd International Symposium on Wireless Pervasive Computing (ISWPC), 2007.

C.16. **E. Al-Masri**, Q.H. Mahmoud, "WSCE: A Crawler Engine for Large-Scale Discovery of Web Services," IEEE International Conference on Web Services (ICWS), pp. 1104-1111, 2007.

C.17. **E. Al-Masri** and Q.H. Mahmoud, "QoS-based Discovery and Ranking of Web Services". In Proceedings of 16th International Conference on Computer Communications and Networks (ICCCN), pp. 529-534, 2007.

C.18. **E. Al-Masri**, Q.H. Mahmoud, "A Framework for Efficient Discovery of Web Services Across Heterogeneous Registries," 4th IEEE Consumer Communications and Networking Conference (CCNC), pp. 415-419, 2007.

C.19. **E. Al-Masri**, and Q.H. Mahmoud, "A Context-Aware Mobile Service Discovery and Selection Mechanism using Artificial Neural Networks," Eighth International Conference on Electronic Commerce (ICEC), pp. 594-598, 2006.

C.20. N. Nasser, S. Guizani, and **E. Al-Masri**, "Middleware Vertical Handoff Manager: A Neural Network-Based Solution", IEEE International Conference on Communications (ICC), 2007, pp. 5671-5676.

C.21. A. Barreto, **E. Al-Masri**, and J. Cremades, "Eye Gaze Tracking / Electromyogram Computer Cursor Control System for Users with Motor Disabilities," Proceedings of the Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) 26th International Conference, Atlanta, GA.

C.22. **E. Al-Masri**, and A. Barreto, "A Practical System for Hands-Off Computer Interaction Based on EMG/Eye Gaze Tracking", Florida Conference on Recent Advances in Robotics, 2002.

- **Refereed Poster Publications:**

    P.1. **E. Al-Masri** and Q.H. Mahmoud, "Crawling Multiple UDDI Business Registries". In Proceedings of 16th International World Wide Web Conference (WWW2007), pp. 1255-1256, 2007 – *Best Poster Award*.

    P.2. **E. Al-Masri** and Q.H. Mahmoud, "Discovering the Best Web Service". In Proceedings of 16th International World Wide Web Conference (WWW2007), pp. 1257-1258, 2007.

- **Invited Talks / Presentations:**

    2016   Achieving the Full Potential of the Internet of Things (IoT)
    Memorial University, St. Johns, New Foundland, Canada (May 30th, 2016)

    2016   Effective Learning in Computing Education
    McMaster University, Hamilton, Canada (March 15th, 2016)

    2016   Object-Orientation or Service-Orientation? A Closer Look
    McMaster University, Hamilton, Canada (March 15th, 2016)

    2015   Principles of Concurrency Control and Recovery in Database Systems
    Western University London, Canada (August 5th, 2015)

2013   RFID-Based Monitoring System for Pediatric Patients (Case Study)
        York University, Toronto, Canada (April 29ᵗʰ, 2013)

- **Published Datasets: QWS Dataset**

Published the first public Web service dataset called the "QWS Dataset". The dataset aims at providing basis for Web service researchers. Since its release in 2007, the dataset has been widely used by more than 1250 worldwide institutions including GE Global Research, L-3 Communications, IBM Research, French National Institute for Research in Computer Science and Control (INRIA), ISISTAN Research Institute, University of Athens, University of Leicester, James Madison University, University of Washington, Microsoft, Digital Enterprise Research Institute, Berlin University of Technology, National University of Defense Technology, among many others. (Citations: 900+, Downloads: 7000+). The dataset has been widely accepted by the cloud service computing research community and is cited in many textbooks as well as scientific journals.

SERVICE, FUNDING, GRANTS, SUPERVISION

- **Serving the scientific research community** *(http://www2016.ca/organization/committees.html)*
Serving doctoral consortium track chair and an organizational committee member of the prestigious 25ᵗʰ International World Wide Conference (WWW2016) held in Montreal, Canada. The doctoral consortium provides a supportive atmosphere for PhD students to present and receive constructive feedback on their ongoing work. I collaborated with Dr. Tie-Yan Liu (Principal Research Manager at Microsoft Research Asia) to form a panel of experts and world-renowned researchers to serve as members of the program committee and the mentoring team. PC members of the doctoral consortium included researchers from major institutions including MIT, UCSB, Purdue University, IBM Research, AT&T Labs, Microsoft Research, Yahoo!, and Google. (*More details: http://www2016.ca/calls-for-papers/phd-symposium.html*)

- **Research Funding: Enhancing Computing Education: IoT-based Approach**

Received Intel Corporation's funding to research and investigate the effectiveness of integrating hardware-prototyping platforms into computing education. The aim of the research project is to empower students' design thinking abilities to become tomorrow's innovators and prepare them with their co-operative work terms or internships. As part of this project, students study subjects across multiple disciplines (e.g. technology management, Internet of Things, embedded systems, mechatronics, software engineering, computer science) and become engaged in hands-on learning and prototyping of innovative Internet of Things (IoT) solutions. Total Amount: $20,000

- **Graduate Attributes (GAs): Canadian Engineering Accreditation Board (CEAB)**

I have been worked with UOIT's Faculty of Engineering accreditation team on the preparation of accreditation reports demonstrating evidence that program graduate outcomes are being covered and assessed. This included course dossiers and reports detailing course GAs and Level of Coverage in each course (e.g. **I**ntroduced, **D**eveloped, and **A**pplied), Course Outcomes (GA indicators) and their Link to Faculty GA Indicators and CEAB GAs, Course Outcomes (Course GA Indicators) and Performance Levels and Methods of Measurement, and Performance Level Grading Rubric for Course Outcomes. Courses coordinated: SOFE2720 (Software Requirements, Spec., and Analysis),

ELEE3140 (Computer Architecture), SOFE3650 (Software Design and Architectures), and SOFE3700 (Data Management Systems).

- **Student Supervision/Mentoring**

I have supervised senior capstone projects (ENGR 4940 & ENGR4941: Capstone Systems Design I & II) for electrical and software engineering students at UOIT. One of the projects, for example, investigated and prototyped the use of RFID technology for monitoring pediatric patients who are at greater risk of fever spikes compared to adults. By developing an RFID-based monitoring system, the risk of interrupting patient's rest periods is significantly minimized while increasing the frequency of temperature readings. This project aims at providing an RFID-based solution using active-based RFID tags with temperature-sensing that patients can wear and an RFID-based system continuously receives/stores patients' data, and issues alerts to hospital staff in rare events such as rising temperatures, high blood pressure readings, abnormal heart beat readings, accidental body collapses, among many other features.

SELECTED CERTIFICATIONS

Topic	Course Certification
Hive	**Accessing Hadoop Data Using Hive** *(IBM, 2014)*
Hadoop	**Hadoop Fundamentals I** *(IBM, 2014)*
Hadoop	**Moving Data into Hadoop** *(IBM, 2014)*
Big Data Analytics	**Big Data Analytics** *(IBM, 2014)*
Amazon Cloud	**Hadoop and the Amazon Cloud** *(IBM, 2014)*
R	**Introduction to Data Analysis using R** *(IBM, 2014)*
Jaql	**Introduction to Jaql** *(IBM, 2014)*
MapReduce	**Introduction to MapReduce Programming** *(IBM, 2014)*
Pig	**Introduction to Pig** *(IBM, 2014)*
SQL	**SQL Fundamentals I** *(IBM, 2014)*

PROFESSIONAL ACTIVITIES/SERVICE

IWCMC2017 Committee

- **Track Co-Chair:** International Wireless Communications & Mobile Computing Conference

WWW2017 Organizing Committee

- **Track Chair:** Tutorial: 26th International World Wide Web Conference, 2016-2017
  http://www.www2017.com.au/call-for-papers/tutorials.php

W4A2017 Committee

- **PC Member:** 14th Web for All Conference (Education for All on the Web), 2017
  http://www.w4a.info/2016/2017/

WWW2016 Organizing Committee

- **Track Chair:** PhD Symposium: 25th International World Wide Web Conference, 2015-2016
  http:// www2016.ca/organization/committees.html

W4A2016 Committee

- **PC Member:** 13th Web for All Conference (Education for All on the Web), 2016
  http://www.w4a.info/2016/organisation/programme-committee

DH2016 Committee

- **PC Member:** 6th International Conference on Digital Health, 2016
  http://www.acm-digitalhealth.org/committee/

ITU2016 Committee

- **PC Member**: International Telecommunications Union (ITU) Kaleidoscope, 2016
  http http://www.itu.int/en/ITU-T/academia/kaleidoscope/2016/Pages/progcom.aspx/

Editorial Board

- **Guest Editor**: Special Issue: Applications of Internet of Mobile Things, Journal of Electrical and Computer Engineering, 2015-2016

- **Guest Editor**: Special Issue: Applications of Augmented Reality and Interactive Multimedia Technology, Journal of Advances in Multimedia, 2016-2017

- **Editorial Board**: International Journal of Intelligent Systems Design and Computing (IJISDC), 2015-2016
  http://www.inderscience.com/jhome.php?jcode=ijisdc#edboard

- **Editorial Board**: International Journal of Big Data Intelligence (IJBDI), 2015-2016
  http://www.inderscience.com/jhome.php?jcode=ijbdi

Reviewer / Technical Program Committee Member:

Journals

- IEEE Sensors
- Journal of Computer Science and Technology
- Mathematical Problems in Engineering Journal
- ACM Transactions on Internet Technology (TOIT)
- ACM Transactions on the Web (TWEB)
- IEEE Transactions on Computers (TC)
- IEEE Transactions on Knowledge and Data Engineering (TKDE)
- IEEE Transactions on Emerging Topics in Computing (TETC)
- IEEE Transactions on Services Computing (TSC)
- IEEE Computer Magazine
- IEEE Communications Magazine
- IEEE Intelligent Systems
- International Journal of Geo-Information
- Internet Research (by Emerald Group)
- IET Software Journal
- Elsevier Pervasive and Mobile Computing Journal (PMC)
- Elsevier Service Oriented Computing and Applications (SOCA)
- Elsevier Journal of Computer and System Sciences (JCSS)
- International Journal on E-Learning and Education (IJEE)
- Software: Practice and Experience Journal

- International Journal of Data Mining, Modelling and Management (IJDMMM)
- British Journal of Applied Science & Technology
- Journal of Zhejiang University-Science (JZUS)
- Brazilian Journal of Information Security and Cryptography

Conferences
- 2017: International Wireless Communications & Mobile Computing Conference
- 2017: ACM's 7th Digital Health Conference (co-located International WWW Conference, Australia)
- 2017: 14th Web for All Conference (W4A) (co-located International WWW Conference, Australia)
- 2016: IEEE World Forum on Internet of Things (WF-IOT)
- 2016: 4th International Workshop on Smart City & Ubiquitous Computing Applications
- 2016: 1st First International Conference on Real-Time Intelligent Systems
- 2016: Service-Oriented Cyber-Physical Systems in Converging Networked Environments Workshop
- 2016: 2nd IEEE International Conference on Big-data, Internet of things, and Zero-size intelligence
- 2016: 25th International World Wide Web Conference (2016), Montreal, Canada (Track Chair)
- 2016: ACM's 6th Digital Health Conference (co-located International WWW Conference, Canada)
- 2016: 13th Web for All Conference (W4A) (co-located International WWW Conference, Canada)
- 2016: International Conference on Cloud Computing & Cryptography (ICCCC)
- 2016: International Conference on Computer Technologies Innovations & Applications (ICCTIA)
- 2016: International Conference on Computer Vision and Pattern Recognition (ICCVPR)
- 2016: International Conference on Education & eLearning Innovations (ICEELI)
- 2016: International Symposium on Intelligent Systems Technologies and Applications (ISTA)
- 2016: 2nd International Conference on Communication, Information Technology and Robotics
- 2016: 3rd International Conference on Electronic Design (ICED)
- 2016: 3rd International Symposium on Computer Vision and the Internet (VisionNet)
- 2015: International Symposium on Computer Vision and the Internet
- 2015: International Conference on Signal Processing & Data Mining
- 2015: International Conference on Communication Information Technology and Robotics (ICCITR)
- 2015: International Workshop on Smart City and Ubiquitous Computing Applications
- 2015: International Conference on Computer Applications & Technology
- 2015: Global Summit on Computer & Information Technology
- 2015: ACM's 5th Digital Health Conference (co-located International WWW Conference, Italy)
- 2015: IEEE PELS Workshop on Emerging Technologies: Wireless Power (WoW)
- 2015: 12th Web for All Conference (W4A) (co-located International WWW Conference, Italy)
- 2015: International Conference on Engineering & Computational Innovation Sciences (ENCINS)
- 2015: International Biometrics & Smart Government Summit (IBMSGS)
- 2015: 2nd World Symposium on Computer Networks and Information Security
- 2015: 2nd World Symposium on Web Applications and Networking
- 2015: IEEE International Conference on Computer Vision & Image Analysis
- 2015: 5th International Conference on Communication Systems and Network Technologies
- 2014: 6th International Conference on Computational Intelligence and Communication Networks
- 2014: 1st International Conference on Science and Technology for Sustainability
- 2014: 4th International Conference on Communication Systems and Network Technologies
- 2014: International Conference on Advanced Learning Technologies and Education
- 2013: 22nd International World Wide Web Conference (WWW) (Poster, Research Paper tracks)

- 2013: International Conference on Advances in Communication & Computing Technologies
- 2013: International Conference on Education and E-Learning
- 2012: IEEE 76th Vehicular Technology Conference
- 2012: IEEE 8th International Symposium on Mechatronics & its Applications
- 2011: IEEE 4th International Conference on Computer Science and Information Technology
- 2010: IEEE International Congress on Engineering Education, Malaysia
- 2010: International Telecommunications Union (ITU) (Organizing Committee)
- 2010: IEEE 72nd Vehicular Technology Conference
- 2010: IEEE/ACS International Conference on Computer Systems and Applications
- 2010: IEEE Conference on Computer Engineering & Systems
- 2009: International Telecommunications Union (ITU) (Organizing Committee)
- 2009: IEEE Conference on Computer Engineering & Systems
- 2008: IEEE Conference on Computer Engineering & Systems
- 2008: Conference on Human-Computer Interaction with Mobile Devices and Services MobileHCI
- 2008: IEEE 16th International Conference on Digital Signal Processing (DSP)
- 2007: IEEE 65th Vehicular Technology Conference
- 2007: IEEE Conference on Computer Engineering & Systems
- 2007: IEEE 4th International Conference in Innovations Technology
- 2007: IEEE 16th International Conference on Computer Communications and Networks (ICCCN)
- 2007: IEEE 15th International Conference on Digital Signal Processing (DSP)
- 2007: IEEE International Symposium on Wireless Communication Systems (ISWCS)
- 2007: IEEE International Conference on Innovations in Information Technology

Membership of Professional Societies
- The Institute of Electrical and Electronics Engineers (IEEE)
- IEEE Computer Society
- IEEE Signal Processing Society
- Association for Computing Machinery (ACM)
- Florida International University (FIU) Eta Kappa Nu Honor Society (Kappa Delta)