

# IEEE Sections Congress Section Best Practices



*Dr. Wahab Almuhtadi, P.Eng.  
Chair, IEEE Ottawa Section (R7)*



# Why Presented by the Ottawa Section?



# Ottawa Section Make-up

- ~ 2,200 Members
- 18 chapters, 10 Committees, 4 Affinity, 3 Student Branches
- Five Executives; ~45 Officers (not including Student Branches ~20 Officers )
- Member backgrounds: PhDs to students, public & private, employed & in transition
- High level of activity per chapter and by Section

# What have they done?

## ■ Technical Meetings

- From 2/yr, to 12/year -- on average five (5) meetings/year

## ■ Workshops

- Medical Measurements & Applications 2008
- Adverse Response Monitoring 2008
- FPGA Workshop 2007
- Blood Pressure Measurement 2007
- EMS Series (Project Management, ...)
- EiT (job hunt, resume, Internet programming, ...)
- Video Courses (Electronics ...)
- Smart Energy Fair 2003

## ■ Symposia

- Electrical Power Symposia:
  - 2006: From Tesla's AC Power System to Distributed Generation & Smart Grids
  - 2005: Convergence of Power and High Technologies
  - 2004: Ontario's Tough Electricity Choices
  - 2003: Supply and Demand Challenges
  - 2002: Tricks and Treats in Evolving Electricity Markets
  - 2001: Electricity Deregulation (in Ontario)
- Canadian Reliability & Maintainability Symposium 2003

## ■ Conferences

- Electrical Power Conference 2007:
  - Renewable and Alternative Energy Resources)
- Canadian Conference on Electrical and Computer Engineering 2006
- Climate Change Conference 2006
- ComSoc;
- LEOS

## ■ Co- Technical Sponsor

- **Electrical Power and Energy Conference (EPEC) 2008 “Energy Innovation”.**
- **42nd IEEE International Carnahan Conference on Security Technology (ICCST 2008, Prague, Czech)**
- **International Workshop on Robotic and Sensors Environment 2007 (ROSE 2008, Ottawa)**
- **6th IEEE International Workshop on Haptic Audio Environments and Game (HAVE 2008, Ottawa)**
- **41st IEEE International Carnahan Conference on Security Technology (ICCST 2007, Ottawa)**
- **International Workshop on Robotic and Sensors Environment 2007 (ROSE 2007 , Ottawa )**
- **6th IEEE International Workshop on Haptic Audio Environments and Game (HAVE 2007, Ottawa)**

# What have they achieved?

- Exemplary Section Award (2X)
- Best Large Section Exemplary Award 2007
- Best Section Award 2006
- Electrical Power Symposium recognized by R7 & taken National
- Ottawa Robotics Competition – R7 impressed
- CCECE'06 success (organisational, attendee satisfaction & financial)
- RAB Awards
- Chapter Awards (LEOS, VTS, RS, PES, ...)

# 2008 Goals / Focus

- **Encouraging and helping the Section chapters, affinities groups, committees and student branches to organize local, national and international conferences to be held in the National Capital/City of Ottawa. Doing this, it will**
  - *bring many presenters and attendees from around the world for cross pollination*
  - *benefit the city's economic development*
  - *increase the knowledge and keep engineering community updated with industry evolvement.*
- **Develop the Electrical Power Symposium into a Canada wide event that will be hosted by other IEEE sections. (national vs local conference)**

## 2008 Goals / Focus *cont'd* ...

- **Continuous promotion of members to Senior and Fellow membership levels.**
- **Applying for the IEEE Member and Geographic Activities Board awards for the past Section activities.**
- **Increase the number of technical, educational seminars and workshops.**
- **Promote and support the new formed affinity group “Life Member Affinity Group”.**

## 2007 Goals / Focus *cont'd* ...

- **Increase the interaction with other IEEE sections.**
- Further develop relations with the engineering societies, organizations, industry, academia, and government institutions.
- Invite all members of the IEEE Ottawa Section to volunteer and provide suggestions and feedback and to increase the value of their membership plus the value of the Section activities.

# To get & keep Section Executive & Officers



- ✓ Reduce repetitive burdens – “the Volunteer’s Pain”
  - Open virtual community – store minutes, forms, lessons learned; communicate proposals and conduct surveys or take votes
  - Foster joint chapter ventures
    - Increased attendance
    - Shared / split effort
  - Provide tools
    - On-line event registration service
    - Virtual Community
    - Newsletter & web marketing
    - Receipt books
    - On-line submission of event information
    - Expense claim forms
    - Keep procedures on i.e., treasury how-to & best practices
    - ... etc.

- ✓ Provide guidelines for expenses and clear procedure for reimbursement
- ✓ Reimburse executives & officers timely
- ✓ Empower Chapter Chairs
  - **Provide “petty cash”** budget (avoids motions for event support)
  - **Allow risk taking** to break paradigms (EiT, EPS, OARC, EMS, SEF, etc...)
- ✓ Route out new volunteers
  - Look for “the right candidate” by reputation, interest, ...
  - Market benefits (opportunity to gain a skill, gain experience, meet experts, become known, learn, give back, ...)
  - Mentor

## ✓ Joint Venture

- Other Sections / Section Chapters (i.e., Distinguished Lecturers)
- PEO, IEE/EIT, OCRI, OTI, OPRA, ...
- Lots of effort, not always productive, shows good will, increases advertising base
- Quid Pro-quo – cross promote other events, discounts, etc.

## ■ Promote events

- Member newsletter – regular, by e-mail
- Web Site
- Local free papers
- Through partners

## ■ Survey / Poll Members & Event Attendees

- Show you care
- Learn from them

- ✓ **Meet regularly**
  - Once a month (minimum) as executives – to strategize
  - Once a month as section officers – to align and move forward
  
- ▣ **Keep good records**
  - Take good minutes & provide timely
  - Orderly financial records (GST, Internal, or HQ audit)
  - Lessons Learned
  
- ✓ **Invest – especially as Chair -- **lots** of your own time**
  - Lead, mentor, tie volunteers together, ...
  - Consider everyone equally as key players
  - Network: with other groups, within R7 & IEEE around the world

- ✓ Provide Personal Development
  - Leadership Training (Ray Findley)
  
- ✓ Have good financial strategy without sacrificing service
  - Strive for 10% rebate bonus
  - Apply for GST
  
- ▣ Serve membership & community well
  - Section's reputation will draw new volunteers, new energy, new ideas
  
- ✓ Go for GOLD
  - Want to Be Successful
  - Apply for awards and monetary event support (MGA)

- **Thank executives & officers**
  - Celebrate Success, and Learn from mistakes
    - Summer social, EOY social, post-big event celebration
    - Lessons learned reports from each chapter

# To get & keep & Serve Section Members



- Survey or Poll Membership & Be Ready to Act
  - Survey regarding the event held
  - Poll for topics to cover, services to provide
  
- Promote Joint Ventures
  - With chapters & With other organizations
    - Increase attendance
  - Better chance for networking & cross-pollination
  - Encourage Chapters to regularly hold events
  
- Help the struggling
  - Offer free entry for volunteer time
  - Offer chance to organize an event they & others would benefit from
  - Suggest networking opportunities

- Encourage Student Branches
  - New volunteers for section & chapter events, executive officers,
  
- Hold **2 to 4** major Section events per year (including AGM)
  - Video courses, Annual Symposiums, A Themed Series (EiT)
  - Social Events (Family Day, BBQ, Tournaments, Parties)
  - Field Trips, Professional Activities
  - Hold Section & Chapter event
  - Hold Good AGM
  
- Pursue non-renewers
  - Mixed opinions & results – leading towards appreciation for the consideration & asking for opinion

## ■ Be Visible

- Have website page for each chapter (design internally)
- Attend other organisation's events & AGMs (i.e., EIC, PEO, ...)
- Stretch beyond borders -- Volunteer for other organisation events (Ontario Science Fair, Engineering Mentorship) or Make Own (Smart Energy Fair, Ottawa Robotics Competition, Cancer Research...).
- Send free e-newsletter to members & others who may be interested.
- Make available IEEE Section & HQ promotional material.
- Award members for achievement
- Recognize community & corporations for their achievement / contribution
- Support Student Branch Activities
  - Student Paper Competition Awards
  - Development
- Promote IEEE Services & Benefits

- Partner with Sponsors & Supporters
  - Deliver more than they expect
  - Keep them happy – what events they are interested in supporting is what members should have an interest in
  
- Provide Professional-like Service
  - Host events that are cost effective; however, professional in presentation & execution.
  
- Encourage Membership Elevation
  
- Form new Chapters & Affinity Groups

- Send out Newsletter with AGM information
  - Summarize what the section & chapters have done for members
  - Encourage volunteering & sharing of ideas
  - Promote membership benefits
  
- Recognize / Celebrate Local Member, Corporate & Section Achievement
  - Best engineering employers
  - Best business achievement
  - Best philanthropist
  - Most Active Chapter
  - Best innovative ideas
  - Best researcher
  - Etc.
  - Most Innovative Event

i.e., Corporate @ AGM – Triacta Power Technologies, Plasco Energy Group, Alcatel, Iogen Corporation, Avoca Semiconductor, Liquid Computing, Telus, Tensc\_Wireless, Hydro Ottawa, Algonquin College

- Invest in Marketing
  - Typically Achilles-heel
  
- Invest in Membership Development
  - Soft & hard skills
  - Open opportunities for break through ideas
  
- Invest in EiT
  - Helps industry
  - Big & memorable membership benefit
  
- Invest in Branding
  - Banner, speakers gifts, note pads,

# Symposia & Event Best Practices



- Start Steering Committee Early
  - Agree on terms of reference
  - High level theme
  - General project plan & budget
  - Provide strategic direction for Organizing Committee
  
- Rely on Lots of Volunteers
  - Mine the members and community for those who would be interested in the theme
  - Mine the student base
  - Entice with discounted to free registration commensurate with volunteering effort
  - Encourage Student Branches, they will learn about the “real world”
  - **Help the struggling, offer free entry for volunteer time**
  - Suggest networking opportunities, chance to contact sponsors, ...
  - Accept that there will be a “core” to rely on.

- Layout Roles, Responsibilities & Accountabilities
  - Recycle from other events
  - Match to person's interest, ability, contacts, chance of success, ...
  
- Meet regularly
  - Once a month (minimum) as executives – to strategize
  - Once a month as section officers – to align and move forward
  - More frequently closer to the event
  - “Dress Rehearsal” on-site a few days before
  
- Take good minutes & provide timely
  - Lead, mentor, tie volunteers together, ...
  - Consider everyone equally as key players
  - Network: with other groups, within R7 & IEEE around the world

- Create a Great Agenda
  - Steering Committee Accountability
  - Input from Organizing Committee
  - Input from targeted speakers (creates excitement & commitment)
  - Input from potential speakers (creates excitement & commitment)
  - Takes at least 30% of time (~70% of that up front)
    - “Bubble Diagrams”
    - Threaded presentations, key points to address per presentation – develops abstract
  - Consider Tutorial & Tour (70%-80% do Symposium too)
  
- Promote Joint Venture
  - PEO, IEE/EIT, OCRI, OTI, OPRA, ...
  - Lots of effort, not always productive, shows good will, increases advertising base
  - Helps promote credibility -- Sponsorship & Support
  - Quid Pro-quo – cross promote other events, discounts, etc.
  - Increases attendance

## ■ Promote Event

- Member newsletter – regular, by e-mail
- Web Site (chapter, section, society)
- Local free papers
- Through partners
- Through Speakers
- Trade Magazines
- Media Advisory
- Invest in Marketing
  - Weakest link
  - Maintain an event attendee list / database

- Be Flexible for need to Change
  - May not get first choice speaker
  - Speaker may drop late, too many speakers may expect & accept
  - Speaker may suggest changes to abstract
  - Don't bend, sway to “hot news items” – what you thought was appealing may not be
  
- Treat Speakers & Volunteers well
  - Reimburse promptly
  - Chaperone: Arrange pick-up/ drop-off; help their logistics
  - Light dinner for volunteers @ meetings
  - Speaker's Dinner
    - Thank You
    - Ties theme
    - Networking
    - Run through agenda, presentation & logistic issues

## ■ Create a Digest

- Most still like hard copy
  - Less expensive, most time consuming, risk with speaker late with paper
- Struggle to get all presentations for printing
  - Burden on speaker to provide stated copies
- CDs ...?

## ■ Partner with Sponsors

- Deliver more than they expect
- Keep them happy – what events they are interested in supporting is what members should have an interest in.

## >> Potential Sponsors, Supporters, Collaborative Organisations - WHO

- Public Sector
  - Federal, Provincial, Local Governments (i.e., NRCAN, Industry Canada, Ont. Ministry of Energy, City of Ottawa, ...etc.)
- Private Sector
  - High Tech (i.e., Nortel, Alcatel, March Networks...)
  - Power Tech (i.e., utilities – HOL, HONI, IeSO, Plasco, ...)
- Research & Academia
  - NRC, CRC, DRDC, UofO, CU, AC
- Membership Organisations
  - OCRI, PEO, IEE (IET), OPRA, OPC, SRE, OTI, ...
- Trade / Industry Publications
- Local media
  - Print, Radio, TV
  - City, Business, Technology, News, Events

## >> Potential Sponsors, Supporters, Collaborative Organisations

### WHY? WHAT YOU GET ...

- Speakers
- Attendees
- Locations/spaces/venues
- Monetary and in-kind participation
- Technical support
- Advertising/publicity
- Letters of supports
- Publications
- Field trips

- Provide Professional-like Service
  - Host events that are cost effective; however, professional in presentation & execution.
  - Focus last few days on rehearsal – registrant experience
- Be ready to listen
  - Survey regarding the event held
  - Poll for topics to cover, services to provide
- Thank Volunteers & Speakers
  - Celebrate Success, and Learn from mistakes
    - Light food for evening meetings
    - Speakers' dinner, volunteers' closeout dinner
    - Lessons learned reports from each chapter
- Document Lessons Learned
- Apply for IEEE Awards
- Keep momentum with planning of another event

# Ottawa Section Structure



## ■ Executive

- **Chair - Wahab Almuhtadi-**  
[almuhtadi@ieee.org](mailto:almuhtadi@ieee.org)
- **Vice Chair - Raed Abdullah -**  
[RaedAbdullah@ieee.org](mailto:RaedAbdullah@ieee.org)
- **Secretary – Alfredo Herrera –**  
[alfredo.herrera@ieee.org](mailto:alfredo.herrera@ieee.org)
- **Treasurer - Sreeraman Rajan –**  
[sreeraman@ieee.org](mailto:sreeraman@ieee.org)
- **Past Chair - Branislav Djokic-**  
[branislav@ieee.org](mailto:branislav@ieee.org)

## ■ Committees

- **Annual General Meeting (AGM) Planning**
  - Chair - **Raed Abdullah** - [RaedAbdullah@ieee.org](mailto:RaedAbdullah@ieee.org)
- **Awards**
  - Chair - **Wahab Almuhtadi** - [almuhtadi@ieee.org](mailto:almuhtadi@ieee.org)
  - [IEEE Ottawa Awards](#)
- **Bylaws**
  - Chair - **Branislav Djokic** - [branislav@ieee.org](mailto:branislav@ieee.org)
  - **Kexing Liu** - [Kexing.liu@ieee.org](mailto:Kexing.liu@ieee.org)
  - [IEEE Ottawa Bylaws](#)
- **Membership Development (MD)**
  - Chair – **Jennifer Ng** - [jng@ieee.org](mailto:jng@ieee.org)

## ■ **Committees *cont'd* ...**

### ● **Communications / Publications**

- Chair - **Mohammed Elbadri** - [melbadri@ieee.org](mailto:melbadri@ieee.org)
- Mailing Lists Manager: **Ricardo Villalobos** - [rvillalobos@ieee.org](mailto:rvillalobos@ieee.org)
- Newsletter Editor: **Khalid Mahmood**- [kmahmood@ieee.org](mailto:kmahmood@ieee.org)
- [IEEE Ottawa Communications / Publications](#)

### ● **Educational Activities (EA)**

- Chair - **Branislav Djokic** - [branislav@ieee.org](mailto:branislav@ieee.org)
- [IEEE Ottawa Educational Activities](#)

### ● **Engineers in Transition Activities (EiT)**

- Chair - **Colin Cantlie** - [colin.cantlie@ieee.org](mailto:colin.cantlie@ieee.org)
- **Alan Quirt** - [aquirt@consysconsult.com](mailto:aquirt@consysconsult.com)

## ■ **Committees *cont'd* ...**

### ● **Nomination**

- Chair - **Branislav Djokic** - [branislav@ieee.org](mailto:branislav@ieee.org)
- **John Grefford** - [Grefford@ieee.org](mailto:Grefford@ieee.org)
- **Tom Lavrisa** - [lavrisa@ieee.org](mailto:lavrisa@ieee.org)

### ● **Robotics Competition**

- Chair - **Rob Woolley** - [rcwoolley@ieee.org](mailto:rcwoolley@ieee.org)
- Vice Chair - **Rami Abielmona** - [rabielfmo@ieee.org](mailto:rabielfmo@ieee.org)
- [Ottawa RoboComp Webpage](#)

### ● **Senior Membership**

- Chair – **Jennifer Ng** - [jng@ieee.org](mailto:jng@ieee.org)

# Chapters

- **AESS - Aerospace & Electronic Systems Society**
  - Chair - **Hugh Reekie** - [h.reekie@ieee.org](mailto:h.reekie@ieee.org)
  - Vice Chair - **Mel Walker** - [melwalker@igs.net](mailto:melwalker@igs.net)
  - [Ottawa AESS Chapter](#)
- **AP/MTT- Microwaves/Antennas/Propagation Society**
  - Chair - **Qiubo Ye** - [qiubo.ye@crc.ca](mailto:qiubo.ye@crc.ca)
  - Vice Chair - **Kin Y. Sze** - [kinsze@ieee.org](mailto:kinsze@ieee.org)
  - [Ottawa MTT/AP Society Chapter](#)
- **CI - Computational Intelligence Society**
  - Chair - **Julio Valdes** - [Julio.Valdes@nrc-cnrc.gc.ca](mailto:Julio.Valdes@nrc-cnrc.gc.ca)
  - Vice Chair – **Nizar Sakr** - [nsakr@site.uottawa.ca](mailto:nsakr@site.uottawa.ca)
  - Vice Chair - **Moufid Harb** - [moufidh@gmail.com](mailto:moufidh@gmail.com)
  - [Ottawa Computational Intelligence Society Chapter](#)

## ■ Chapters *cont'd* ...

### – **CompSoc - Computer Society**

- Chair - **Fernand Boudreau** - [fernand.boudreau@ieee.org](mailto:fernand.boudreau@ieee.org)
- Vice Chair - **Rami Abielmona** - [rabielfmo@ieee.org](mailto:rabielfmo@ieee.org)
- [Ottawa Computer Society Chapter](#)

### – **ComSoc & BTS - Joint Chapter of Communications Society , and Broadcast Technology Society**

- Chair - **Wahab Almuhtadi** - [almuhtadi@ieee.org](mailto:almuhtadi@ieee.org)
- Vice Chair - **Tony Khoury** - [tkhoury@nortel.com](mailto:tkhoury@nortel.com)
- [Ottawa ComSoc Chapter](#)

### – **CPMT - Components, Packaging and Manufacturing Technology Society**

- Chair - **Qi-Jun Zhang** - [qjz@doe.carleton.ca](mailto:qjz@doe.carleton.ca)

## ■ Chapters *cont'd* ...

### – **DEIS - Joint Ottawa-Montreal Chapter of Dielectrics and Electrical Insulation Society**

- Chair - **Mahmoud Abou-Dakka** - [Mahmoud.Abou-Dakka@nrc.ca](mailto:Mahmoud.Abou-Dakka@nrc.ca)

### – **EDS, CAS, & SSCS - Joint Chapter of Electron Devices Society, Circuits and Systems Society, and Solid-State Circuits Society**

- Chair - **Ram Achar** - [achar@doe.carleton.ca](mailto:achar@doe.carleton.ca)
- EDS Vice Chair - **Ihsan Erdin** - [ierdin@ieee.org](mailto:ierdin@ieee.org)
- SSCS Vice Chair - **Sreedhar Natarajan** - [sn@ieee.org](mailto:sn@ieee.org)
- CAS Vice Chair - **Dharmendra Saraswat** - [dsaras68@yahoo.com](mailto:dsaras68@yahoo.com)
- [Ottawa EDS/CAS/SSCS Joint Chapter](#)

## ▣ Chapters *cont'd* ...

### – **EMBS - Engineering in Medicine and Biology Soc.**

- Chair - **Sreeraman Rajan** - [sreeraman@ieee.org](mailto:sreeraman@ieee.org)
- Vice Chair – **Yuu Ono** - [yuuno@sce.carleton.ca](mailto:yuuno@sce.carleton.ca)
- [Ottawa EMBS Chapter](#)
- [EMBS Carleton University Student Club](#)

### – **EMC - Electromagnetic Compatibility Society**

- Chair - **Syed Bokhari** - [bokhari@ieee.org](mailto:bokhari@ieee.org)

### – **IMS - Instrumentation and Measurement Society**

- Chair - **Voicu Groza** - [vgroza@ieee.org](mailto:vgroza@ieee.org)
- Vice Chair - **Branislav Djokic** - [branislav@ieee.org](mailto:branislav@ieee.org)
- [Ottawa IMS Chapter](#)

## ■ Chapters *cont'd* ...

### – **LEOS - Lasers and Electro-Optics Society**

- Chair - **Kexing Liu** - [Kexing.liu@ieee.org](mailto:Kexing.liu@ieee.org)
- Vice Chair - **Sherif Sherif** - [Sherif.Sherif@ieee.org](mailto:Sherif.Sherif@ieee.org)
- [Ottawa LEOS Chapter](#)

### – **PES - Power Engineering Society**

- Chair - **Wahab Almuhtadi** - [almuhtadi@ieee.org](mailto:almuhtadi@ieee.org)
- Vice Chair - **Carl Kropp** - [kropcarl@aol.com](mailto:kropcarl@aol.com)
- [Ottawa PES Society Chapter](#)

### – **RAS, CSS - Joint Chapter of Robotics & Automation, and Control Systems Societies**

- Chair - **Jurek Sasiadek** - [jsas@ccs.carleton.ca](mailto:jsas@ccs.carleton.ca)

## ■ Chapters *cont'd* ...

### – **REL - Reliability Society**

- Chair - **Raed Abdullah** - [RaedAbdullah@ieee.org](mailto:RaedAbdullah@ieee.org)
- Vice Chair - **Sasa Marinkov** - [sasa.marinkov@sympatico.ca](mailto:sasa.marinkov@sympatico.ca)

### – **SP, OE, & GRS - Joint Chapter of Signal Processing, Oceanic Engineering, and Geoscience and Remote Sensing**

- Chair - **Hilmi Dajani** - [hdajani@site.uottawa.ca](mailto:hdajani@site.uottawa.ca)
- Vice Chair - **Yifeng Zhou** - [yifeng.zhou@crc.ca](mailto:yifeng.zhou@crc.ca)
- [Ottawa SP/OE/GRS Chapter](#)

### – **VTS - Vehicular Technology Society**

- Chair - **Hugh Reekie** - [h.reekie@ieee.org](mailto:h.reekie@ieee.org)
- Vice Chair - **Isaac Ginsburg** - [iginsburg@sympatico.ca](mailto:iginsburg@sympatico.ca)
- [Ottawa VTS Chapter](#)

## ■ Chapters *cont'd* ...

- **TM, PCS, & SSIT - Joint Chapter of the Technical Management Council, Professional Communications Society, and Society on Social Implications of Technology**
- Chair - **Jean Couillard**, [couillard@management.uottawa.ca](mailto:couillard@management.uottawa.ca)
- Vice Chair - **Alfredo Herrera** - [alfredo.herrera@ieee.org](mailto:alfredo.herrera@ieee.org)
- [Ottawa TM/PCS/SSIT Chapter](#)

## ■ Affinity Groups

### – AICN - Alliance of IEEE Consultant Network

- Vice Chair - **Abhay Raman** - [abhayraman@ieee.org](mailto:abhayraman@ieee.org)
- Vice Chair - **Barry De young** - [barry.deyoung@ieee.org](mailto:barry.deyoung@ieee.org)

### – GOLD - Graduates of the Last Decade

- Chair - **Anissa Shaddy** - [amshaddy@connect.carleton.ca](mailto:amshaddy@connect.carleton.ca)
- Vice Chair - **Sarah Tolledo** - [sarah.tolledo@ieee.org](mailto:sarah.tolledo@ieee.org)
- [Ottawa GOLD Website](#)

### – LM - Life Member

- Chair - **David Coll** - [dccoll@ieee.org](mailto:dccoll@ieee.org)
- Vice Chair - **John Wilson** - [jamwilso@allstream.net](mailto:jamwilso@allstream.net)

### – WiE - Women in Engineering

- Chair - **Preeti Raman** - [praman@eidosgglobal.com](mailto:praman@eidosgglobal.com)
- Vice Chair - **Carolyn MacIsaac** [macisac@algonquincollege.com](mailto:macisac@algonquincollege.com)
- [Ottawa WiE Website](#)

## ■ Student Branches

### – Algonquin College

- Chair - **Jason Tang** - [jtang613@ieee.org](mailto:jtang613@ieee.org)
- Vice Chair - **Devin Murphy** - [devin130@ieee.org](mailto:devin130@ieee.org)
- Treasurer - **Emily Chan** [chan0262@algonquincollege.com](mailto:chan0262@algonquincollege.com)
- Faculty Advisor - **Wahab Almuhtadi** - [almuhtadi@ieee.org](mailto:almuhtadi@ieee.org)
- [IEEE Algonquin College Student Branch](#)

### – Carleton University

- Chair - **Jieyi Rong** - [jrong@connect.carleton.ca](mailto:jrong@connect.carleton.ca)
- Faculty Advisor - **Calvin Plett** - [cp@doe.carleton.ca](mailto:cp@doe.carleton.ca)
- [IEEE Carleton University Student Branch](#)
- [IEEE EMBS Carleton University Student Club](#)

### – University of Ottawa

- Chair - **Andrew Shaver** - [andrewshaver@hotmail.com](mailto:andrewshaver@hotmail.com)
- Faculty Advisor - **Sherwin Shirmohammadi** - [shervin@site.uottawa.ca](mailto:shervin@site.uottawa.ca)
- [IEEE Ottawa University Student Branch](#)