

IEEE Ottawa Section Annual Report – 2021

November 2021



IEEE

Ottawa
Section



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1. IEEE Ottawa Section Chair's Report

1) Success Stories

Success stories at the IEEE Ottawa Section in 2021 include:

- IEEE WIE Ottawa Affinity Group won 2020 IEEE WIE Canada Group of the Year Award for Large Sections.
- Dr. Tanya Gachovska received award for outstanding contributions and services as IAS PEDCC Chair and Standards Chair in 2020.
- IEEE Regional Exemplary Student Branch Award 2020 for Ottawa Section Carleton University Student Branch.

2) Key Activities

- Ottawa Section formed a Students Activities Committee (SAC) to help in student membership development & experience in April 2021 with current tenure until December 2021.
- The section roster and section website was updated in Spring 21.
- Ottawa Section started to use Concur for reimbursing members for their expenses starting in spring 2021.
- IEEE International Conference on Communications (<https://icc2021.ieee-icc.org/>) was held using virtual meeting platform on 14-23 June 2021. The conference was organized by Montreal and Ottawa section. Professor, Wahab Almuhtadi of Algonquin College was the executive chair of the conference.
- The section was granted a funding of \$2,000 (US) towards IEEE Pre-University STEM Portal Grant proposal, "Ottawa Robotics Competition Supervisor Training Program" in July 2021.
- Due to the COVID related health measures all events for the Ottawa section continue to be held using virtual meeting platforms. From February 2021 to October 2021, the section either organized or co-sponsored 45 technical events. The events included a distinguished webinar by Prof. Saifur Rahman.
- The section organized two virtual social meetings. Though there was a high interest among the members asking for it but a few members attended. It appears members like in-person social events (e.g. picnic) and not the virtual ones.
- A PELS event by Dr. Liuchen Chang from New Brunswick attracted a very good attendance (99 attendees). The event was held jointly by PELS Kingston and Ottawa chapters.
- Due to the COVID related health measures, section's 77th AGM for 2021 is being planned towards the end of November 2021. The meeting will be held using virtual meeting platform.
- Ottawa Section is now working with R7 on a pilot project to use Open waters for inviting outstanding award nominations (<https://www.ieeeottawa.ca/awards>).

3) Issues Facing the Unit

- Members continue to miss out on social interactions due to social distancing measures. These social interactions are important for mental health and for making friendships and networking. A couple of virtual social events have not been effective.
- The position of webmaster under the Publications Committee have been lying vacant for long time and has proven to be very difficult to fill.

4) Ahead in 2021

- Goals:
 - To update the section roster including vtools, section web site, and section email exploder by end of February 2021 – completed.
- Activities & Schedule:
 - Promote the 50% student membership discount.

Ajit Pardasani
Chair
IEEE Ottawa Section

2. Committee Reports

1) Annual General Meeting (AGM) Planning Committee

Chair: Mostafa Farrokhabadi, Mostafa.farrokhabadi@ieee.org

Refer to vTools reporting.

2) Awards Committee

Chair: Wahab Almuhtadi, almuhtadi@ieee.org

Members: Executive Officers of the Ottawa Section (Chair, Vice Chair, Secretary, Treasurer, Past Chair), Raed Abdullah.

Website: <http://www.ieeeottawa.ca/about/awards-2/>

The Award Committee works closely with IEEE Ottawa Section chapters, committees, affinity groups, and student branches and encourages members, engineering community, academia and Industry to submit their nominations for the IEEE Ottawa Section Awards available on <http://www.ieeeottawa.ca/about/awards-2/>.

The Award winners are announced every year at the IEEE Ottawa Section Annual General Meeting-AGM.

The winners for the 2020 IEEE Ottawa Section Awards are as follows:

Corporate Awards:

Outstanding Information and Communications Technology Award:

- **Infinera Canada** for contribution to Coherent Optical Modem Technology and Optical Transport System Design.

Outstanding High Technology Award:

- **Larus Technologies** for advancing the field of Artificial Intelligence and Machine Learning as applied to defence and security applications.

Outstanding Clean Technology Award:

- **Giatec** for its use innovation of SmartRock™ AI program, ROXI™, and embedded sensors for concrete to reduce cement usage and cut CO₂ emissions.

Recognition Individuals

Outstanding Engineering Educator Award

- **Dr. James Green** for contributions to education and training of students particularly in the area of biomedical engineering, data analytics, and machine learning.

Outstanding Engineer Award

- **Dr. Rami Abielmona** for his innovative and outstanding contributions to the development of AI/ML-based models and all-domain awareness systems for defence, safety and security applications.

Outstanding Volunteer Award

- **Mr. Alfredo Herrera** for contributions to IEEE Ottawa Section and to HIC/SIGHT humanitarian projects locally, nationally and internationally.

Recognition Ottawa Section Groups

Outstanding Chapter Award:

- **The IEEE Ottawa Joint Chapter of Communications Society (ComSoc), Consumer Technology Society (CTSoc), and Broadcasting Technology Society (BTS)** for organizing and hosting international conferences and technical events, and promoting IEEE Institute, Societies, Region, and Section, and being the Best Chapter worldwide.

Outstanding Affinity Group Award:

- **The IEEE Ottawa Women In Engineering** for significant achievements in 2020.

Outstanding Student Branch Award

- **The IEEE Carleton University Students Branch** for its significant achievements in 2020.

Outstanding Committee Award

The IEEE Ottawa Publications Committee for its significant achievements and activities in 2020.

3) Bylaws Committee

Chair: Branislav Djokic, branislav@ieee.org

Vice Chair: Kexing Liu, Kexing.Liu@ieee.org

No activity is reported for this calendar year.

4) Publications Committee

Chair: Deyasini Majumdar, deyasini.majumdar@ieee.org

Social Media Coordinator: Erdem Yanikomeroglu, erdemy_ca@ieee.org

Newsletter Editor: Tejash Patel, tejashpatel@ieee.org

Website Coordinator: Amir Andaliy, amir_andaliy@ieee.org

Website: <https://www.ieeeottawa.ca/publications/>

Updates in 2021:

- Section Roster was updated.
- Protocol for events submission request and acknowledgement was clearly outlined by the team to avoid disruptions in communications.
- A new Webmaster joined the team and worked with the Awards to Team to coordinate implementation and use of the new OpenWaters system for Awards & Nominations for AGM 2021.

5) Educational Activities (EA) Committee

Chair: Branislav Djokic, branislav@ieee.org

Website: <http://www.ieeeottawa.ca/ea/>

Activity Date, Time, Location	Activity Type (Tech Meeting, Workshop, DL, etc) and Brief Description	Title/Speaker or Workshop Name	Attendance IEEE/Total	Joint Activity Sponsors
2021-11-03	Technical Meeting/Webinar	VA Metering for Managing Efficiency of Energy Delivery in Polyphase Systems, by John Voisine, PE Development Engineering Manager (Retired), Landis+Gyr Lafayette, IN, USA	40/65	EA and IMS, PES, RS-PELS, ComSoc/CTSoc /BTS, Chapters
2021-08-31	Technical Meeting/ Webinar	Quantification of Peak Demand Reduction Potential in Commercial Buildings, by Prof. Dr. Saifur Rahman, IEEE	20/31	EA and PES, IMS and RS-PELS Chapters

		Fellow and Power and Energy Society (PES) Distinguished Lecturer		
2021-04-08	Technical Meeting/ Webinar	Connecting Distributed Energy Resources (DERs) into the Distribution and Sub-Transmission Electrical System, by Hugo Sanchez-Reategui, P.Eng., Consultant, Alectra Utilities Corporation, Ontario	15/25	EA and PES, RS-PELS. IMS and ComSoc/CTSoc /BTS Chapters

6) Engineers-in-Transition (EiT) Committee

Chair: Vacant

No activity is reported for this calendar year.

7) Ottawa – Special Interest Group on Humanitarian Technology (SIGHT)

Chair: Alfredo Herrera,

No activity is reported for this calendar year.

8) Industry Relations Committee

Chair: Eric Karmouch, ekarmouch@ieee.org

Lunch and Learn Coordinator: Michael Lalonde, michael.lalonde@ieee.org

Website: <http://ewh.ieee.org/r7/ottawa/lunchandlearn/>

No activity is reported for this calendar year.

9) Life Member Committee

Chair: Wolfram Lunscher, wlunscher@gmail.com

List of Activities

Total Number of Technical Meetings:

This Year (2021): 1

Last Year (2020): 1

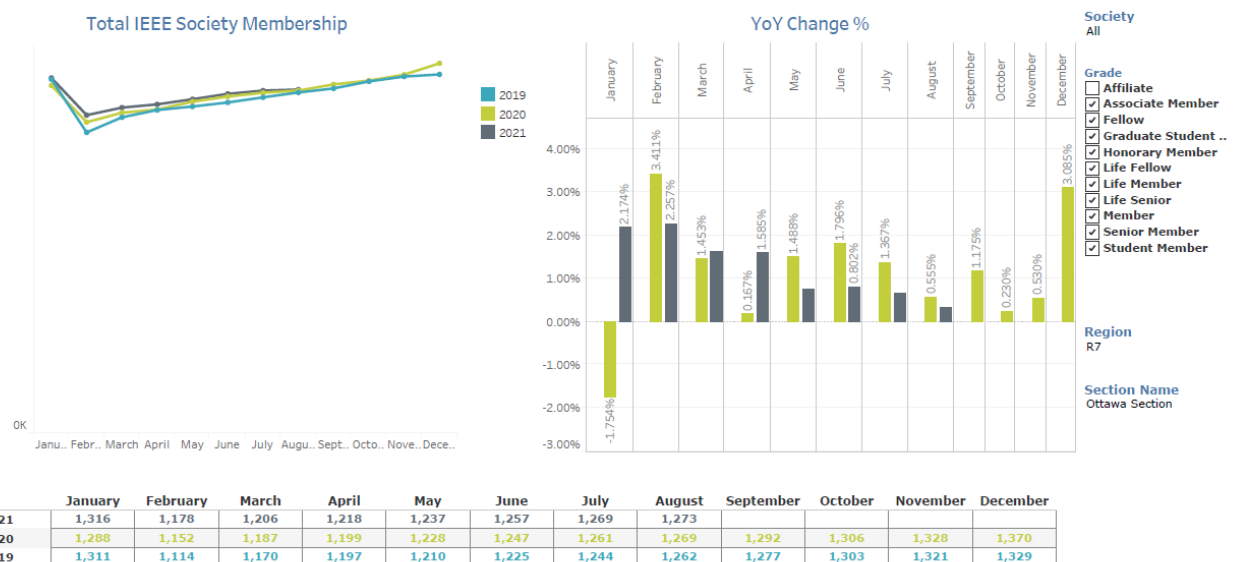
Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
August 19, 2021 Ottawa	Webinar	Small modular nuclear reactors talk	35 IEEE 45 Total	Power Electronics Society

10) Membership Development (MD) Committee

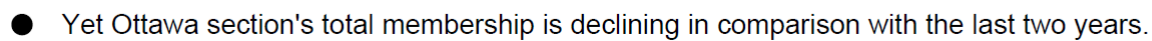
Chair: Amir Andaliby, amir_andaliby@ieee.org

No activity is reported for this calendar year.

Membership Development Committee Report:



- Our Year-to-Year growth for society memberships has slightly improved.

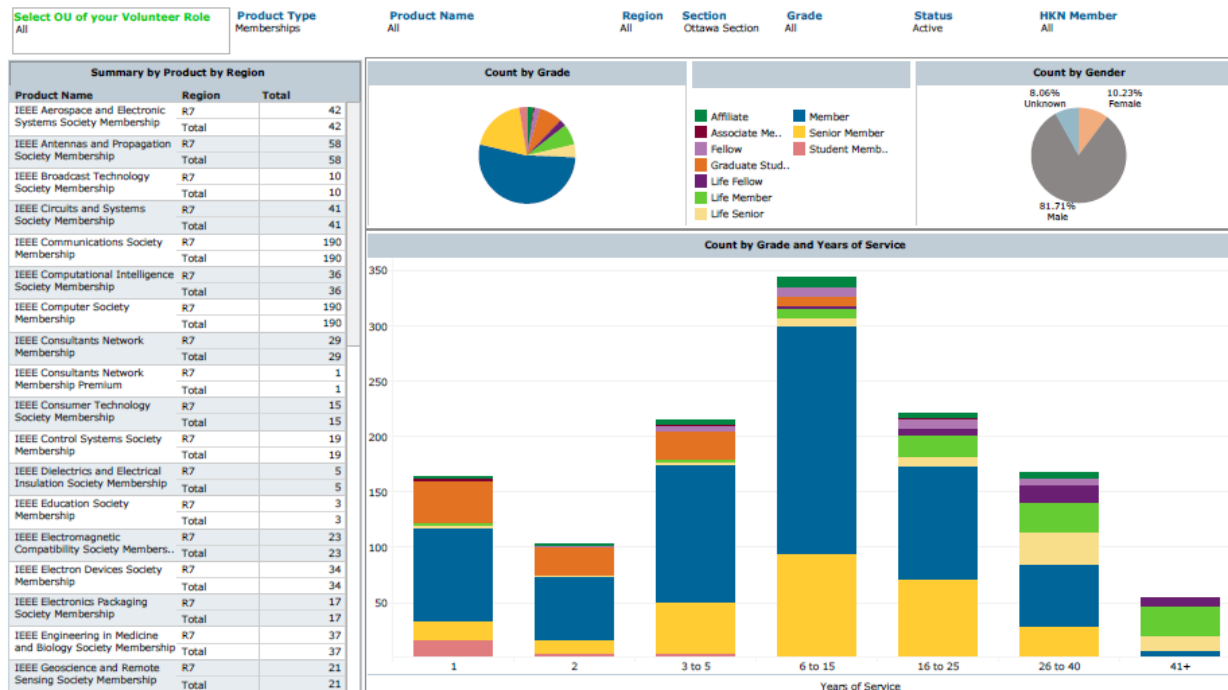


IEEE OU Analytics

Memberships, Subscriptions, and More - Product Dashboard

This dashboard provides interactive views for memberships, communities, councils, online libraries, and periodicals. Product Type of "Memberships" is preselected.

- Refine data through filters or click within a visualization to view results and details.
- Hover over a visualization to display a tooltip with statistical facts.
- Important: Choose an OU from "Select OU of your Volunteer Role" filter to view customized results for your OU position.



Note: Data displayed is based upon volunteer access privileges.
Data made available through this platform is IEEE Confidential Information. Please review the IEEE Guide to Classification of Documents policy for more information.

11) Nominations and Appointments

Website: <https://www.ieeeottawa.ca/awards/>

Chair: Wahab Almuhtadi, almuhtadi@ieee.org

Member: Raed Abdullah, RaedAbdullah@ieee.org

Member: Branislav Djokic, branislav@ieee.org

Member: Sreeraman Rajan, Sreeraman@ieee.org

Member: Saman Adham

Member: John Grefford

Member: Voicu Groza

Member: Tom Lavrisa

Member: Section Chair

Member: Section Vice-Chair

The Awards and Recognition Committee works closely with IEEE Ottawa Section chapters, committees, affinity groups, and student branches and encourages members, engineering community, academia and Industry to submit their nominations for the IEEE Ottawa Section Awards available on <https://www.ieeeottawa.ca/awards/> . The Award winners are announced every year at the IEEE Ottawa Section Annual General Meeting-AGM.

12) Ottawa Robotics Competition (ORC) Committee

Chair: Jiayun (Kelly) Xu, ieeeorcfinance@gmail.com

Vice-Chair: Loïc Darboux

Website: <http://orc.ieeeottawa.ca>

No activity is reported for this calendar year.

13) Senior Membership Committee

Chair: Dr. Sreeraman Rajan, Sreeraman@ieee.org

Vice-Chair: Dr. Bhashyam Balaji

The Section had 5 Senior Member elevations in the year Nov15 2020/Nov15 2021.

Ottawa Section	Duane	Brown
Ottawa Section	Kingon	Lee
Ottawa Section	Yuanqing	Li
Ottawa Section	Awantha	Jayasri
Ottawa Section	Michel	Kulhandjian

14) Strategic Planning (SP) Committee

Chair: Raed Abdullah, RaedAbdullah@ieee.org

No activity is reported for this calendar year.

15) Teacher in Service Program (TISP i.e. STEM Outreach) Committee

Chair: Wolfram Lunscher, wlunscher@gmail.com

Total Number of Technical Meetings:

This Year (2021): 9

Last Year (2020): 7

Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
Nov 16, 2020	Workshop	TISP STEM	1 IEEE	Christie Lake

Ottawa		Workshop	8 Total	Kids
Nov 23, 2019 Ottawa	Workshop	TISP STEM Workshop	1 IEEE 8 Total	Christie Lake Kids
Nov 30, 2020 Ottawa	Workshop	TISP STEM Workshop	1 IEEE 8 Total	Christie Lake Kids
Oct 5, 2021* Ottawa	Workshop	TISP STEM Workshop	2 IEEE 10 Total	Christie Lake Kids
Oct 12, 2021* Ottawa	Workshop	TISP STEM Workshop	2 IEEE 10 Total	Christie Lake Kids
Oct 19, 2021* Ottawa	Workshop	TISP STEM Workshop	2 IEEE 10 Total	Christie Lake Kids
Oct 26, 2021* Ottawa	Workshop	TISP STEM Workshop	2 IEEE 10 Total	Christie Lake Kids
Nov 2, 2021* Ottawa	Workshop	TISP STEM Workshop	2 IEEE 10 Total	Christie Lake Kids
Nov 9, 2021* Ottawa	Workshop	TISP STEM Workshop	2 IEEE 10 Total	Christie Lake Kids

*Note these meetings are in the future. Attendance estimates are based on registration and planning.

3. Chapter Reports

1) AESS – Aerospace and Electronics Systems Society

Chair: Sreeraman Rajan, sreeraman@ieee.org

Cosponsored a 4 day workshop along with Canadian Tracking and Fusion Group

Total Number of Technical Meetings:

This Year (2021): 36 _____

Last Year (2020): 2 _____

Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
18 Jan 2021 12:45-13:00 Virtual	Workshop: Day 1	Talk by Rami Abielmona, Ratnasingham Tharmarasa	Total:80 IEEE:8	CTFG
18 Jan 2021 13:00-13:45 Virtual		Talk by Erik Blasch		CTFG
18 Jan 2021 13:45-14:10 Virtual		“Getting ahead of the curve”: Predictive COVID-19 Case Identification using an Iterative Propensity Score Modelling and AI Approach		CTFG
18 Jan 2021 14:10-14:35 Virtual		Tracking COVID-19 Prevalence with Bayesian Inference and Integration of Uncertain		CTFG

	Epidemiology	
18 Jan 2021 14:35-15:00 Virtual	Predicting the Retweet Level of COVID-19 Tweets with Neural Network Classifier	CTFG
18 Jan 2021 15:15-15:40 Virtual	Introduction to LCE and Incorporating Sensor Fusion in Electronic Warfare Simulation – A Roadmap for Advanced Threat and Target Capability Modelling	CTFG
18 Jan 2021 15:40-16:05 Virtual	On Some Emerging and/or Disruptive Technologies in Defence	CTFG
18 Jan 2021 16:05-16:30 Virtual	Methods for Semi-automated Labeling with Multiple Algorithms And Sensors	CTFG
18 Jan 2021 16:30-16:55 Virtual	Machine Learning Aided Track Management for Multitarget Tracking	CTFG
18 Jan 2021 16:55-17:20	A Neural Network Based Algorithm Selector for Radar Task	CTFG

Virtual		Scheduling		
19 Jan 2021 13:00-13:25 Virtual	Workshop Day 2	MIST: Multimodal Input Surveillance & Tracking	Total:77 IEEE:8	CTFG
19 Jan 2021 13:25-13:50 Virtual		Tiny Moving Object Detection from Airborne Video		CTFG
19 Jan 2021 13:50-14:15 Virtual		A Framework for Text-based Traffic Sign Detection and Tracking in Video		CTFG
19 Jan 2021 14:30-15:15 Virtual		Talk by Eric Fournier		CTFG
19 Jan 2021 15:15-15:40 Virtual		Investigating and Extending the Quanta Tracking Algorithm		CTFG
19 Jan 2021 15:40-16:05 Virtual		Terrain-Aided Tracking Using a Gaussian Mixture Measurement Model		CTFG
19 Jan 2021 16:05-16:30 Virtual		An Assignment Method for Multitarget Tracking with Azimuth Ambiguity Based on Pseudo		CTFG

		Measurement Set		
19 Jan 2021 16:30-16:55 Virtual		Extended Target Tracking Using Student's-t Process With Heavy-Tailed Process and Measurement Noises		CTFG
19 Jan 2021 16:55-17:20 Virtual		Tracking Multiple Extended Targets In Occlusion Using Splines and Set-Membership Uncertainty Models		CTFG
19 Jan 2021 17:20-17:45 Virtual		Extended Target Tracking using Convex Hull		CTFG
20 Jan 2021 13:00-13:25 Virtual	Workshop Day 3	Recent Results in Noise Radar Signal Processing	Total:68 IEEE:7	CTFG
20 Jan 2021 13:25-13:50 Virtual		Detection of Arterial Wall using Singular Value Decomposition of Ultrasound Signals Obtained by Wearable Ultrasonic Sensor		CTFG
20 Jan 2021 13:50-14:15		Continuous Estimation of Artery Diameter Change Using		CTFG

Virtual	Adaptive Chirplet Decomposition of Ultrasound Radio Frequency Signals	
20 Jan 2021 14:15-14:40 Virtual	Micro-Doppler Rotary Drone Detection using Parametric Spectral Estimation Techniques	CTFG
20 Jan 2021 14:50-15:15 Virtual	Covariance Relationships for Trivariate Distributions with Known Orientations in Cartesian Coordinates	CTFG
20 Jan 2021 15:15-15:40 Virtual	Efficient Quantization for Multi-Target Tracking	CTFG
20 Jan 2021 15:40-16:05 Virtual	Chernoff Fusion with Gaussian Mixture Model	CTFG
20 Jan 2021 16:05-16:30 Virtual	Multi-Objective Heterogeneous Multi-Asset Collection Scheduling Optimization with High-Level Information Fusion	CTFG

20 Jan 2021 16:30-16:55 Virtual		Multiple Agile Satellite Scheduling Incorporating Reward Factor Based Task Allocation and Resource Constraints		CTFG
20 Jan 2021 16:55-17:20 Virtual		Cooperative Coevolution and Market-Based Approaches to the Distributed Multi-Satellite Collection Scheduling Problem		CTFG
21 Jan 2021 13:00-13:25 Virtual	Workshop Day 4	Situation Tool: a Decision-aid Tool for Situation Related User Queries	Total:56 IEEE:6	CTFG
21 Jan 2021 13:25-13:50 Virtual		Explaining Threat Assessment with Multiple Sources Through Evidential Networks		CTFG
21 Jan 2021 13:50-14:15 Virtual		Fusion Enabled Capability Injection into Legacy Systems		CTFG
21 Jan 2021 14:30-14:55 Virtual		Joint Path Planning and Power Allocation for Multitarget Tracking in Multistatic Radar		CTFG

	System	
21 Jan 2021 14:55-15:20 Virtual	Semantic Matchmaking and Multi-Objective Optimization applied to Dynamic Tasking Problems	CTFG
21 Jan 2021 15:20-15:45 Virtual	Formation Control, Collision Avoidance and Trajectory Optimization with Coverage and Energy Efficiency of UAV Swarm Under Urban Environment	CTFG
21 Jan 2021 15:45-16:10 Virtual	Multi-Batch Incremental Strategy for Sonobuoy Deployment from High-altitude Airplane with Spatial-Temporal Atmospheric Uncertainty	CTFG
21 Jan 2021 16:10-16:20 Virtual	Talk by Rami Abielmona, Ratnasingham Tharmarasa	CTFG

2) AP/MTT - Joint Chapter of Antennas and Propagation Society Microwave Theory & Techniques Society

Chair: Marwen Ben Rejeb, marwen.benrejeb@ieee.org

Vice Chair: Ramzi Darraji, rdarraji@ieee.org

Secretary: Anis Ben Arfi, anis.b.a@ieee.org

List of Activities

Total Number of Technical Meetings:

This Year (2021): _____ 9 events _____

Last Year (2020): _____ 5 events _____

Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
2021-03-03 4pm-5pm Online	Webinar	Introduction To HFSS Breakthrough Mesh Fusion Technology	11/15	
2021-03-31 6pm-7pm Online	Webinar	What is my Measurement Equipment Actually Doing? Implications For 5G	20/22	- CH01069 - New Jersey Coast Section Jt Chp, - ED15/MTT17/PHO36, CH07011 - Montreal Section Chapter, MTT17
2021-04-27 4pm-5pm Online	Webinar	Spacecraft Antennas for Earth Science and Planetary Exploration Missions	30/33	
2021-05-17 12pm-1pm Online	Webinar	Chip-Scale Wave-Matter Interactions at Rf-To-Light Frequencies: Circuits, Systems and Applications	21/32	- CH01122 - Syracuse Section Jt Chap. - AP03/MTT17/EMC27, CH01208 - Connecticut Section Jt. Chap. - AP03/MTT17/UFFC20, CH01092 - North Jersey Section Jt Chapter - AP03/MTT17, CH02031 - Columbus Section Jt Chap. - AP03/MTT17, R10013 - Ithaca Section
2021-09-24 11:30-12:30	Webinar	Glide Symmetries: A New Degree of Freedom for The	18/21	

Online		Design of Periodic Structures		
2021-10-13 5pm-6pm Online	Webinar	Analog Photonic Systems: Features & Techniques to Optimize Performance	15/19	- CH07011 - Montreal Section Chapter, MTT17
2021-10-21 2pm-3pm Online	Webinar	STS: Wireless Sensing for Space Structures	TBD	- P70315 - Ottawa Section Affinity Group, YP - SBA01471 - University of Ottawa, WIE - STB02451 - Carleton Univ - WE70015 – Ottawa Section Affinity Grp, WIE
2021-10-26 4pm-5pm Online	Webinar	STS: Micro/Nanoscale Monolithic Phase-Change And MEMS-Based Solutions for RF And Mmwave Applications Arcs And Sparks: Building A Company to Find Faults on Live Wires	TBD	- P70315 - Ottawa Section Affinity Group, YP - SBA01471 - University of Ottawa, WIE - STB02451 - Carleton Univ - WE70015 - Ottawa Section Affinity Grp, WIE
2021-11-11 7pm-8pm Online	Webinar	Arcs and Sparks: Building a Company to Find Faults on Live Wires	TBD	

List of special or unique events that are to be held next year

- We will try to get into hybrid format with both virtual and in-person events with focus on more engagement with industrial sector in Ottawa.

3) CI/SMC - Joint Chapter of Computational Intelligence and Systems, Man and Cybernetics Society

Chair: Rafael Falcon, rfalcon@ieee.org

Vice Chair: Julio Valdes, Julio.Valdes@nrc-cnrc.gc.ca

Website: <http://ieeeottawa.ca/ci/>

No activity is reported for this calendar year.

4) CS – Computer Society

Chair: Eric Karmouch, ekarmouch@ieee.org

Vice-Chair: Michael Lalonde michael.lalonde@ieee.org

Website: <http://sites.ieee.org/ottawa-cs/>

No activity is reported for this calendar year.

5) ComSoc/BTS/CTS - Joint Chapter of Communications Society, Broadcast Technology Society and Consumer Technology Society

Chair: Wahab Almuhtadi, almuhtadi@ieee.org

Vice Chair: Claude Brule, brulec@algonquincollege.com

Secretary: Raed Abdullah, RaedAbdullah@ieee.org

Membership Development: Tony Khoury, tkhoury@ieee.org

Website: <http://www.ieeeottawa.ca/comsoc/>

List of Activities

Total Number of Technical Meetings:

This Year (2021): 9

Last Year (2020): 9

Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
DATE: Wednesday, September 8, 2021 TIME: Webinar: 5:30 p.m. - 6:30 p.m. EST PLACE: Webinar via WebEx	Tech Meeting	Engineering Skills and Education for the Digital Era SPEAKER: Dr. Tom Murad Vice Chair, Ontario Society of Professional Engineers Board of Directors. Country Lead for Engineering & Technology, Siemens Mobility		IEEE Ottawa Joint Chapter of Communications Society, Consumer Technology Society, and Broadcast Technology Society (ComSoc/CTSoc/BTS), IEEE Toronto Chapter (ComSoc/BTS), IEEE ComSoc Montreal Chapter (ComSoc), IEEE Ottawa and Toronto Women In

				Engineering (WIE) Chapters along with the IEEE Ottawa, Southern Alberta and Canadian Atlantic Young Professionals (YP) Chapters
DATE: Friday, August 6, 2021 TIME: Webinar: 3:30 p.m. - 4:30 p.m. EST PLACE: Webinar via WebEx	Tech Meeting	Tools and methodologies for better productivity leveraging AI community driven interoperability SPEAKER: Danilo Pietro Pau, IEEE and ST Fellow, Technical director, System Research and Applications, STMicroelectronics, Agrate Brianza, Italy	36/80	ORGANIZED & HOSTED BY: Education Activities - IEEE Consumer Technology Society (CTSoc). Co-Hosted by: Ottawa ComSoc/CTSoc/BTS Joint Chapter
DATE: Monday, July 26, 2021 TIME: Webinar: 12:00 p.m. - 01:30 p.m. EST PLACE: Webinar via Webex	Tech Meeting	Flexible Radio Access Beyond 5G: A Future Projection SPEAKER: Dr. Huseyin Arslan, Professor, Electrical Engineering Dept. of University of South Florida, Tampa, FL, USA	76/57	Ottawa Section ComSoc/CTSoc/BTS Joint Chapter , Atlanta Section ComSoc Chapter, Saint Maurice Section ComSoc Chapter, Toronto Section ComSoc/BTS Chapter, Kingston Section CS/ComSoc Joint Chapter, London Section ComSoc/BTS Joint Chapter, Montreal Section ComSoc/ITS Joint Chapter, and North Saskatchewan Section CAS/ComSoc/SPS Joint Chapter
DATE: Monday, June 28, 2021 TIME: Webinar: 06:00	Tech Meeting	Machine Learning For Wireless Communications And Networking:	39/30	Ottawa Section ComSoc/CTSoc/BTS Joint Chapter ,

p.m. - 07:30 p.m. EST PLACE: Webinar via Zoom:link		Motivations, Case Studies, And Open Problems SPEAKER: Dr. Shiwen Mao Professor and Earle C. Williams Eminent Scholar Chair, and Director of the Wireless Engineering Research and Education Center at Auburn University		Denver Section VTS/ComSoc Joint Chapter, Kingston Section CS/ComSoc Chapter, Windsor Section SPS/ComSoc Joint Chapter, Kitchener-Waterloo Section VTS Chapter, Toronto Section ComSoc/BTS Chapter, Denver Section, and Windsor Section CIS/SMC Joint Chapter
DATE: Thursday, June 24, 2021 TIME: Webinar: 11:00 a.m. - 12:30 p.m. EST PLACE: Webinar via Zoom	Tech Meeting	IEEE VDL: Learning To Learn To Communicate SPEAKER: Professor Osvaldo Simeone, Information Engineering, Telecommunications Research, Department of Engineering of King's College London, UK		Ottawa Section ComSoc/CTSoc/BTS Joint Chapter , Kingston Section CS/ComSoc Chapter, Saint Maurice Section ComSoc Chapter, Toronto Section ComSoc/BTS Chapter, Vancouver Section JComSoc/PHOS/BTS/ITS joint Chapter
DATE: Monday, June 21, 2021 TIME: Webinar: 11:00 a.m. - 12:30 p.m. EST PLACE: Webinar via Zoom	Tech Meeting	IEEE VDL: Intelligent Reflected Surfaces For Future Wireless Systems SPEAKER: Dr. Shahid Mumtaz is an IET Fellow, IEEE ComSoc and ACM Distinguished Speaker	60/45	Ottawa Section ComSoc/CTSoc/BTS Joint Chapter , Kingston Section CS/ComSoc Chapter, and Toronto Section ComSoc/BTS Chapter
DATE: Thursday, June 17, 2021 TIME: Webinar: 01:00 p.m. - 02:00 p.m. EST	Tech Meeting	IEEE VDL: Localization in Drone Assisted and Vehicular Networks	30/10	Ottawa Section ComSoc/CTSoc/BTS Joint Chapter , Kingston Section CS/ComSoc Chapter,

PLACE: Webinar via Zoom		SPEAKER: Professor Shahrokh Valaee, Department of Electrical and Computer Engineering, University of Toronto, ON, Canada		Windsor Section SPS/ComSoc Joint Chapter, Toronto Section ComSoc/BTS Chapter, and Canadian Atlantic Section ComSoc Chapter, Vancouver Section ComSoc/PHOS/BTS/ITS Joint Chapter.
DATE: Friday, May 27, 2021 TIME: Webinar: 12:00 p.m. - 1:00 p.m. EST PLACE: Webinar via Zoom	Tech Meeting	Integrated Terrestrial-Aerial-Satellite Networks: Key Enabler for the Super Smart Cities of the Future SPEAKER: Professor Halim Yanikomeroglu, Carleton University, Ottawa, Ontario, Canada	11/9	IEEE Ottawa Joint Chapter of Communications Society, Consumer Technology Society, and Broadcast Technology Society (ComSoc/CTSoc/BTS) , IEEE ComSoc Toronto Chapter (ComSoc), IEEE ComSoc Montreal Chapter (ComSoc), IEEE Ottawa Educational Activities (EA), IEEE Ottawa Women In Engineering (WIE), IEEE Ottawa Young Professionals (YP), and Algonquin College Student Branch (ACSB) in conjunction with School of Advanced Technology, Algonquin College.
DATE: Friday, May 14, 2021 TIME: Webinar: 11:00 a.m. - 12:00 p.m. EST	Tech Meeting	AI to Enable Digital Medicine and Detect COVID-19	21/15	IEEE Ottawa Joint Chapter of Communications Society, Consumer Technology Society, and Broadcast

PLACE: Webinar via Zoom		SPEAKER: Dr. Giorgio Quer, PhD, Dir. of AI, Scripps Research Translational Institute, La Jolla, California, USA, IEEE ComSoc Distinguished Lecturer		Technology Society (ComSoc/CTSoc/BTS) , IEEE ComSoc Toronto Chapter (ComSoc), IEEE ComSoc Montreal Chapter (ComSoc), IEEE Ottawa Educational Activities (EA), IEEE Ottawa Women In Engineering (WIE), IEEE Ottawa Young Professionals (YP), and Algonquin College Student Branch (ACSB)
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Awards and Recognitions

Congratulations!

- On Sat. October 26, 2019, IEEE Communications Society has announced that IEEE Ottawa ComSoc/CESoc/BTS Joint Chapter is the final winner of the Communications Society's 2019 CHAPTER-OF-THE-YEAR (2019 CoY). This is a big achievement and ComSoc Ottawa Chapter applauded the accomplishments that led to the chapter to be chosen from among all our ComSoc chapters worldwide. ComSoc Ottawa Chapter will be honored in two ways at GLOBECOM (December 9-10, 2019) in Waikoloa, HI, USA: the Chapter will receive the 2019 CoY plaque, and 2019 CAA plaque. The ComSoc Society invited the Chapter Chair or representative to attend the Awards Ceremony at IEEE GLOBECOM (December 10, 2019) in Waikoloa, and receive these two Awards. This is the 2nd time Ottawa Chapter is the winner of the CoY (first, it was in 2016, and now in 2019).
- On Thu. October 3, 2019, IEEE Communications Society has announced that IEEE Ottawa ComSoc/BTS/CESoc Joint Chapter is the winner of the 2019 Communications Society Chapter Achievement Award (2019 CAA) in North America Region (R1-R7). The Chapter of the Year 2019 winner will be selected from the 4 winners from North America Region (R1-R7), Europe, Middle-East, & Africa Region 8, Latin America Region (R9), and Asia/Pacific Region (R10). This is the 3rd time Ottawa Chapter is the winner of the CAA (first, it was in 2010, second it was in 2016, and now in 2019).

List of special or unique events that are to be held next year

- IEEE Ottawa Communications Society (ComSoc), Consumer Technology Society (CTSoc), and Broadcast Technology Society (BTS) Joint Chapter along with IEEE Ottawa Section and

IEEE Montreal Section are hosting and organizing the **IEEE International Conference on Communications 2021 (ICC 2021)** that is to be held in Montreal at the Palais des congrès de Montréal (Montreal Convention Centre) on June 14-June 18, 2021. For more information visit: <https://icc2021.ieee-icc.org/>

6) EPS - Electronics Packaging (formerly Components, Packaging and Manufacturing Technology (CPMT)) Society

Chair: Qijun Zhang, qijun.zhang@carleton.ca

List of Activities

Total Number of Technical Meetings:

This Year (2021) 2

Last Year (2020) 2

Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
March 29, 2021, online event	Tech Meeting	Title: Signal Integrity Design Vs. Radiated Emission Control Speaker: Dr. C.W. Lam, Chief EM Technologist, Apple Inc.	9, 21	Hosted by EMC, Joint sponsor CPMT, ED/CAS/ SSCS, MTT/AP
June 2, 2021, Online event	Tech Meeting	Title: Package Requirements for data rates of 112 Gbps and Beyond Speaker: Dr. Wendem Beyene, Analog and Mixed Signal Architect, Facebook Inc	11, 35	Hosted by EMC Joint sponsor CPMT, ED/CAS/ SSCS, MTT/AP

7) DEIS - Joint Ottawa-Montreal Chapter of Dielectrics and Electrical Insulation Society

Chair: Refat Ghunem, Refat.Ghunem@nrc-cnrc.gc.ca

No activity is reported for this calendar year.

8) 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

Vice Chair: Ihsan Erdin, erdinih@gmail.com

No activity is reported for this calendar year.

9) EMC - Electromagnetic Compatibility Society

Chair: Syed Bokhari, bokhari@ieee.org

Website: <http://www.ieeeottawa.ca/emcs/>

List of Activities

Total Number of Technical Meetings:

This Year (2021): 2

Last Year (2020): 2

Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
Date : Monday March 29, 2021 Time : 5:00 PM to 6:00 PM EST Location : Online via ZOOM	Tech Meeting Dr. C.W. Lam, Chief EM Technologist, Apple Inc. IEEE EMC Society Respected Speaker	Signal Integrity Design Vs. Radiated Emission Control	IEEE members: 12 Total: 21	AP/MTT, CES/SSCS/CAS, CPMT
Date : Wednesday, June 2, 2021	Tech Meeting	Package Requirements for data rates of 112 Gbps and	IEEE members: 11	AP/MTT, CES/SSCS/CAS, CPMT

Time : 5:00 PM to 6:30 PM EST Location : Online via ZOOM	Dr. Wendem Beyene, Analog and Mixed Signal Architect, Facebook Inc. IEEE EMC Society Distinguished Lecturer	Beyond	Total: 35	
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List of special or unique events that are to be held next year

- Planned event for next year:

MARATHON EMC 2021 Bi-national Edition Part 5: #Poland – #Canada - "EMC in Military Industry"

Date: Wednesday, October 13, 2021, 9 AM to 11 AM EST

10) **EMBS - Engineering in Medicine and Biology Society**

Chair: Sreeraman Rajan, sreeraman@ieee.org

Vice Chair: Mohamed Abdelaziz

Secretary: Yuu Ono, yuuno@sce.carleton.ca

Website: www.ieeeotawa.ca/embs

List of Activities

Total Number of Technical Meetings:

This Year (2021): 10 _____

Last Year (2020): 9 _____

Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
21 Jan 2021 03:30 PM to 04:30 PM Virtual	Tech Meeting	Detection of foodborne pathogenic bacteria using microfluidic devices	IEEE: 3 Total: 32	
28 Jan 2021	Tech Meeting	Understanding the Need in	IEEE: 8 Total: 40	

03:30 PM to 04:30 PM Virtual		Biomaterials and Clinical Translation		
04 Feb 2021 04:00 PM to 05:00 PM Virtual	Tech Meeting	Pervasive Healthcare Through Human- Centered Sensing	IEEE: 11 Total: 47	Montreal Section and AES
11 Feb 2021 03:30 PM to 04:30 PM Virtual	Tech Meeting	Information Visualization to Support Patients' Medical Care Management	IEEE: 12 Total: 35	
25 Feb 2021 08:30 AM to 09:30 AM Virtual	Tech Meeting	Mathematical Modelling and Simulations - Informing the COVID-19 Response	IEEE: 7 Total: 30	
27 Sep 2021 11:30 AM to 01:30 PM Virtual	Tech Meeting	Complexity- based analysis of physiological signals to decode the correlation between different organs	IEEE: 8 Total: 53	
04 Oct 2021 11:30 AM to 12:30 PM Virtual	Tech Meeting	Instrumentation and feedback control in surgical robotics	IEEE: 8 Total:44	
18 Oct 2021 11:30 AM to 12:30 PM Virtual	Tech Meeting	Recent trends in infrared imaging for testing and evaluation of industrial and biomedical materials	IEEE:9 Total:39	
08 Nov 2021 11:30 AM to 12:30 PM Virtual	Tech Meeting	Nanotechnology- based therapeutic approaches in healthcare applications	IEEE:6 Total:46	
08 Nov 2021 01:30 PM to 02:30 PM Virtual	Tech Meeting	Cellular Models to study the spread of COVID- 19	IEEE:7 Total:42	

11) **IMS - Instrumentation and Measurement Society****Chair:** Voicu Groza, vgroza@uottawa.ca**Vice Chair:** Branislav Djokic, branislav@ieee.org**Website:** <http://www.ieeeottawa.ca/ims/>**List of Activities**

Total Number of Technical Meetings:

This Year (2021): 3Last Year (2020): 5

Date, Time, Location	Type (Tech Meet, Workshop, DL, Social)	Title and Brief Description	Attendance (IEEE members & Total)	Joint Activity Sponsors
3 Nov 2021, 06:30 PM WebEx Meeting, Ottawa, ON	<i>Tech Meeting</i>	<u>VA Metering for Managing Efficiency of Energy Delivery in Polyphase Systems</u> by John Voisine of Landis+Gyr Lafayette, IN, USA <u>Abstract</u> There is a fundamental basis for the measurement of electrical energy delivered to a load. This energy is referred to as active energy, with SI unit of watt-hour (Wh). Similarly, the rate of change of <i>active energy</i> is called active power, with SI unit of watt (W). Algorithms used for calculating active energy and active power in revenue grade electricity meters yield consistent results. In contrast, understanding and defining the fundamental basis for apparent energy, with SI unit of volt-ampere hour (VAh) and apparent power, with SI unit of volt-ampere (VA) remains elusive. Consequently, various algorithms are used in electricity meters and these yield results that are often inconsistent and differ significantly due to such factors as harmonic content, polyphase connection system (wye, delta, etc.), and polyphase load imbalance. <i>Active energy</i> conforms to the law of conservation of energy whereas <i>apparent energy</i> does not. Rather than continue trying to understand and define the “right” or “true” meaning of <i>apparent energy</i>, a new concept of “Source VA” is proposed. Source VA gives consistent results on the physical sizing needs of the infrastructure used to deliver <i>active energy</i>. In understanding	40/65	EA and PE31, Reliability Society and Power Electronics Society Joint Chapter

		Source VA , it is helpful to think in terms of a progression of incentives used in managing the efficiency of energy delivery . The terms Source VA and Source Apparent Power are used interchangeably.		
31 Aug 2021, 06:30 PM WebEx Meeting, Ottawa, ON	<i>Technical Meeting/Webinar</i>	Quantification of Peak Demand Reduction Potential in Commercial Buildings, by Prof. Dr. Saifur Rahman, IEEE Fellow and Power and Energy Society (PES) Distinguished Lecturer <u>Abstract</u> - Quantification of peak demand reduction potential of buildings is critical for demand response (DR) analysis in a microgrid environment. Due to the varying nature of electricity consumption throughout the day over different seasons, DR periods affect the energy savings and peak demand reduction potentials of a building in different ways. This paper investigates peak reduction potential of selected commercial buildings within a microgrid environment through the control of heating, ventilation, and air conditioning (HVAC) set point and lighting brightness adjustment. Building models are simulated in EnergyPlus and validated against monthly, daily and 30-minute building electrical consumption with the actual consumption from the smart meter data. The study is conducted over two different DR periods for a winter and a summer week to understand how time of the day and different weather conditions influence building peak demand. Results show that with the proper choice of the DR period along with the HVAC set point and the lighting brightness adjustments, significant hourly peak demand reduction can be achieved for different types of commercial buildings.	20/31	EA and PES, IMS and RS-PELS Chapters
8 April 2021, 06:30 PM WebEx Meeting, Ottawa, ON	<i>Technical Meeting/Webinar</i>	Connecting Distributed Energy Resources (DERs) into the Distribution and Sub-Transmission Electrical System by Hugo Sanchez-Reategui, P.Eng. Abstract: High penetration of Distributed Energy Resources (DERs) into the Electrical Power Grid is one of the hottest topics in the Power Industry. The seminar will discuss the following topics:	15/25	Ottawa Section RL07/PEL35, Affinity Group, WIE, Affinity Group, YP, AES10, BT02/CT08/

		Definitions, Overview of the Electrical Power System, Status of the current development of DERs around the world, Impacts of DER Penetration into the Electrical Grid, Modeling, Technical Requirements, and Applications.		COM19, Hamilton Section
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List of special or unique events that are to be held next year

- [I2MTC 2022 | May 16 – 19, 2022 | Ottawa, Canada – 2022 IEEE International Instrumentation and Measurement Technology Conference \(https://i2mtc2022.ieee-ims.org\)](https://i2mtc2022.ieee-ims.org)

12) PHO – Photonics Society

Chair: Winnie Ye, winnie.ye@ieee.org

Treasurer: John Bernard john.Bernard@nrc-cnrc.gc.ca

Past Chair: Karin Hinzer, khinzer@uottawa.ca

Senior Past Chair: Kexing Liu kexing.liu@ieee.org

Website: <http://www.ieeeottawa.ca/leos/>

No activity is reported for this calendar year.

13) PES - Power and Energy Society

Chair: Ajit Pardasani, ajit.pardasani@ieee.org

Vice Chair: Branislav Djokic, branislav@ieee.org

Secretary: Shamsodin Taheri, shamsodin.taheri@gmail.com

Treasurer: Raed Abdullah, raedabdullah@ieee.org

Past Chair: Wahab Almuhtadi almuhtadi@ieee.org

List of Activities

Total Number of Technical Meetings:

This Year (2020): 7

Last Year (2019): 7

Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
03 Nov 2021 06:30 PM to 08:00 PM	Tech Meeting (Webinar)	VA metering for managing efficiency of energy delivery in polyphase systems: Mr. John Voisine of Landis+Gyr Lafayette, IN, USA		PES R7 CH07055 - Ottawa Section Chapter, IM09 R70015 - Ottawa Section CH07103 - Ottawa Section Chapter, PE31
July 30, 2020, 6:30 PM. – 7:30 PM	Tech Meeting (Webinar)	Measurement, Control and Protection in Smart Grid Energy Management Systems for Smart Buildings in a Smart City Speaker: Prof. Dr. Saifur Rahman, Director, Advanced Research Institute, Virginia Tech, USA IEEE Distinguished Speaker	30/10	IEEE Ottawa Section IMS, PES, RS-PELS, and ComSoc/CESoc/BTS Chapters, and Educational Activities.
19 Aug 2021 12:00 PM– 1:00 PM	Tech Meeting (Webinar)	Small Modular Nuclear Reactors (SMR's) - A Compelling Solution for Carbon-Free Future Electrical Energy Speaker: Frans Koch		Ottawa Section Affinity Group, LM Ottawa Section Chapter, PE31
21 Jul 2021 06:30 PM to 07:30 PM	Tech Meeting (Webinar)	Advanced Phase-Locked Loop Algorithms for Modern Power System Applications Speaker: Dr. Houshang Karimi	15/8	Chapter PE31 Ottawa Section, Jt. Chapter, RL07/PEL35 Ottawa Section
26 May 2021 06:00 PM to 07:00 PM	Tech Meeting (Webinar)	Underexplored three-phase power failure conditions -	107/54	CH07103 - Ottawa Section Chapter, PE31

		Speaker: Mr. James Colotti		CH01052 - Long Island/New York Section Joint Chapter, EMC27 CH01092 - North Jersey Section Jt Chapter, AP03/MTT17 R10327 - North Jersey Section CH06074 - Santa Clara Valley Section Chapter, SP01 CH04135 - Milwaukee Section Chapter, PEL35 CH07027 - Ottawa Section Jt. Chapter, RL07/PEL35
08 Apr 2021 06:30 PM to 07:30 PM	Tech Meeting (Webinar)	Connecting DERS into the distribution and sub transmission electrical system Speaker: Mr. Hugo Sanchez-Reategui	18/10	Ottawa Section Jt. Chapter, RL07/PEL35 Ottawa Section Affinity Group, WIE Ottawa Section Affinity Group, YP Ottawa Section Chapter, AES10 Ottawa Section Jt. Chapter, BT02/CT08/COM19 Ottawa Section Chapter, IM09
15 Dec 2020 06:30 PM-07:30 PM	Tech Meeting (Webinar)	Quality Assurance of Power Transformers Speaker: Mr. Ronnie Minhaz	11/9	IEEE Ottawa PES, Reliability Society and Power Electronics Society Joint Chapter (RS/PELS) and IEEE Ottawa Educational Activities (EA).

Awards and Recognition

IEEE Ottawa PES Chapter Outstanding Engineer Award for 2020 was awarded to Prof. Dr. Shamsodin Taheri, Associate Professor in Electrical Engineering. Université du Québec en Outaouais

14) RAS/CSS - Joint Chapter of Robotics & Automation, and Control Systems Societies

Chair: Jurek Sasiadek, jurek.sasiadek@carleton.ca

Vice Chair: Dan Neculescu

Total Number of Technical Meetings:

This Year (2021): 2

Last Year (2020): 3

Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
Tuesday, June 29 at 1:00 pm.	Technical Meeting	Resilience and Security of Networked Control Systems (With Applications to Autonomous Multi-Agent Systems)	IEEE – 6 Total - 16	Mech and Aero Department, Carleton University
Thursday April 8, 2021, 6:00 PM	Technical Meeting	Inventing the F-35 Joint Strike Fighter	IEEE - 8 Total - 18	Lockheed-Martin

15) Reliability Society & Power Electronics Society Joint Ottawa Chapter (R-PEL)

Chair: Tanya Gachovska (tgachovska@yahoo.com)

Vice Chair: Mostafa Abarzadeh

Secretary: Mahdi Ranjbar

Total Number of Technical Meetings:

This Year (2021): 4

Last Year (2020): 0

Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
May 26 th 2021 at 6 pm EST	Technical Meeting	Underexplored Three-Phase Power Failure Conditions	IEEE -7	This was

		By James Colotti https://events.vtools.ieee.org/tego_/event/manage/272565		
February 24 th 2021 at 2pm EST	Technical Meeting	Distributed Energy Resources in Transition of Power System By Dr. Liuchen Chang	IEEE - 37 Guests - 62	Co-sponsored by IEEE Ottawa Section PES Chapter PELS Student chapter Kingston University
March 18th 2021 at 6 pm EST	Technical Meeting	Current Status and Future Prospects of GaN Power Devices By Dr. Tanya Gachovska	IEEE - 14 Guests - 12	
04 Jun 2021 At 10:00 AM	Technical Meeting	On Reliable Design of Converters for Microgrid Applications By Saeed Peygnami https://events.vtools.ieee.org/tego_/event/manage/272565	IEEE - 25	

		72828		
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16) SP/OE/GRS - Joint Chapter of Signal Processing, Oceanic Engineering, and Geoscience and Remote Sensing

Chair: Yifeng Zhou, yifeng.zhou@outlook.com

Website: <http://www.ieeeottawa.ca/grsoesp/>

No activity is reported for this calendar year.

17) VTS - Vehicular Technology Society

Chair: Richard Yu, Richard.yu@carleton.ca

No activity is reported for this calendar year.

4. Affinity Reports

1) AICN - Alliance of IEEE Consultant Network

Chair: Bhagvat Joshi, SMIEEE, bjoshi@ieee.org

Vice Chair: Mike Bourassa, SMIEEE, michael.bourassa@ieee.org

Website: <http://www.ieeeottawa.ca/aicn/about/>

List of Activities

Total Number of Technical Meetings:

This Year (2021): 2

Last Year (2020): 0

Date, Time, Location	Type <i>(Tech Meeting, Workshop, DL, Social, Luncheon, etc.)</i>	Title and Brief Description	Attendance <i>(IEEE members and Total)</i>	Joint Activity Sponsors
21 May 2021,	Tech Meeting	LEO Satellites –	15/30	IET

Ottawa, Canada - Online		They can fly, but can they stick?!		
		Frank Rayal, Xona Partners		
21 Apr 2021, Ottawa, Canada - Online	Tech Meeting	Storms in the World of Safety- Critical Software Development	35/50	IET
		Chris Hobbs, Blackberry QNX		

List of special or unique events that are to be held next year

- Multiple talks planned including on Quantum Computing and other topics of interest to consultants.

2) YP – Young Professionals

Chair: Joseph Botros, joseph.botros@carleton.ca

Vice Chair: Daniel J. King, DanielKing3@cmail.carleton.ca

Treasurer: Ahmed Ashoor, ahmedashoor@cunet.carleton.ca

Secretary: Sonya Leonard

Website: <http://site.ieee.org/ottawa-yp/>

List of Activities

Total Number of Technical Meetings:

This Year (2021): 12

Last Year (2020): 7

Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
02 Dec 2020 01:00 PM	Workshop	Enviropreneurship: Bridging the Gap between Innovation and Function	20	YP70315, WE70015

08 Dec 2020 05:00 PM	Technical Meeting	IEEE Ottawa YPAG Technical Meeting	8	None
14 Dec 2020 11:45 AM	Technical Panel	Current and Future Trends in 5G/B5G/6G	50	YP70009, R70009, CH07045, YP70315, YP80055, YP70525
05 Jan 2021 06:00 PM	Technical Meeting	IEEE Ottawa YPAG Technical Meeting	8	None
28 Jan 2021 06:00 PM	Social	IEEE Ottawa YPAG: Meet the Team	15	None
02 Feb 2021 05:30 PM	Technical Meeting	IEEE Ottawa YPAG Technical Meeting	8	None
05 Feb 2021 12:00 PM		5G Beamformers: Resetting Connectivity Performance	60	YP70009, YP70315, STB19011, STB03681, YP70321
15 Feb 2021 04:00 PM	Workshop	Webinar: Honing Your Research Skills	17	None
02 Mar 2021 5:30PM	Technical Meeting	IEEE Ottawa YPAG Technical Meeting	8	None
05 Mar 2021 04:00 PM	Seminar	Clarifying the path to becoming a Professional Engineer	35	YP70315, YP70009, WE70015
19 Mar 2021 04:00 PM	Workshop	Workshop: Leaky- Wave Antennas for 5G Applications	19	YP70315, YP70321, YP70009
23 Mar 2021 09:00 AM	Workshop	Hands-on Reinforcement Learning Workshop	30	YP70009, YP70525, YP70315,

		using Python		STB19011, WE70015, STB01791, STB08671, STB03681, SIGHT038, YP70127, CH07098
31 Mar 2021 05:30 PM	Workshop	An overview on IEEE Canada Humanitarian Technology Initiatives	20	YP70315, STB01471, SBC02451, WE70015, R7
06 Apr 2021 5:30PM	Technical Meeting	IEEE Ottawa YPAG Technical Meeting	8	None
08 Apr 2021 06:30 PM	Workshop	Webinar: Connecting DERs into the Distribution and Sub Transmission Electrical System	30	CH07103, CH07027, WE70015, YP70315, CH07028, CH07025, CH07055, R70003
30 Apr 2021 06:00 PM	Social	Kick back & de- stress	6	None
03 May 2021 05:30 PM	Technical Event	An Introduction to Mathematica	10	None
10 May 2021 12:00 PM	Technical Event	The Role of AI in 5G/6G and IoT- Enabled Smart Grids	50	YP70009, R70009, YP80055, YP70525, YP70315, YP70127, WE70015, STB19011, STB01471
11 May 2021	Technical Meeting	IEEE Ottawa YPAG	8	None

5:30PM		Technical Meeting		
17 May 2021 12:00 PM	Technical Event	Reconfigurable Intelligent Surfaces: A Signal Processing Perspective	60	YP70009, R70009, YP80055, YP70525, YP70315, STB19011
27 May 2021 02:00 PM	Technical Event	AI against COVID- 19 Competition: Opening Ceremony	30	SIGHT038, YP70009, STB19011, YP70525, YP70315, YP70127, STB70031, WE70015, CH07098, STB02021
31 May 2021 12:00 AM	Technical Event	AI against COVID- 19: Screening X-ray Images for COVID- 19 Infections	30	SIGHT038, YP70009, STB19011, YP70525, YP70315, YP70127, STB70031, WE70015, CH07098, STB02021
01 Jun 2021 05:30 PM	Workshop	Introduction to Professional Development	13	* See note below
04 Jun 2021 05:30 PM	Workshop	An Undergraduate Perspective of the Professional World	18	* See note below
08 Jun 2021 5:30PM	Technical Meeting	IEEE Ottawa YPAG Technical Meeting	8	None
07 Jun 2021 06:00 PM	Technical Event	Introduction to Python	25	R70025, CH07083,

		programming - Registration		SBC01691E, YP70525, YP70009, YP70315, YP70127, CH07098
10 Jun 2021 12:00 PM	Technical Event	Rate-Splitting Multiple Access for 6G	20	YP70009, R70009, STB19011, YP70525, YP70315, YP70127
16 Jun 2021 11:00 AM	Workshop	Is Graduate School for You?	15	* See note below
18 Jun 2021 01:00 PM	Technical Event	AI against COVID- 19 Competition: Closing Ceremony	15	SIGHT038, YP70009, STB19011, YP70525, YP70315, YP70127, STB70031, WE70015, CH07098, STB02021
22 Jun 2021 06:00 PM	Workshop	Finance Tips for Young Professionals	16	* See note below
24 Jun 2021 05:30 PM	Workshop	A Career in Academia	15	* See note below
02 Jul 2021 12:00 PM	Workshop	Keeping up with the Latest Trends	18	* See note below
09 Jul 2021 05:30 PM	Workshop	A Road Map to your Dream Career	17	* See note below
12 Jul 2021 06:00 PM	Technical Event	Introduction to Python programming -	15	R70025, CH07083, SBC01691E,

		Registration		YP70525, YP70009, YP70315, YP70127, CH07098
13 Jul 2021 5:30PM	Technical Meeting	IEEE Ottawa YPAG Technical Meeting	8	None
16 Jul 2021 04:00 PM	Workshop	How to Network Effectively	15	* See note below
26 Jul 2021 12:00 PM	Workshop	Bridging the Skills Gap	13	* See note below
30 Jul 2021 12:00 PM	Technical Event	Integrated access and backhaul for 5G and beyond	25	YP70009, R70009, STB19011, YP70525, YP70315, YP70127, YP80055
02 Aug 2021 11:00 AM	Workshop	From Professional To Student	13	* See note below
03 Aug 2021 5:30PM	Technical Meeting	IEEE Ottawa YPAG Technical Meeting	8	None
05 Aug 2021 10:30 AM	Workshop	Idea to Product: A Research Pathway for Students	18	* See note below
13 Aug 2021 01:00 PM	Workshop	Career planning as an Antidote to a Competitive Job market	32	* See note below
27 Aug 2021 05:30 PM	Workshop	Series Finale: Grand Q&A Session	10	* See note below
07 Sep 2021 5:30PM	Technical Meeting	IEEE Ottawa YPAG Technical Meeting	8	None

08 Sep 2021 05:30 PM	Workshop	Engineering Skills and Education for the Digital Era	15	CH07041, R70009, CH07025, YP70315, YP70123
14 Sep 2021 04:00 PM	Technical Event	Social Impact-Driven and Innovation-Oriented Entrepreneurial Ecosystems	7	* See note below
01 to 31 Sep 2021	Social	IEEE YP Ottawa Run	TBD	* See note below
October 2021	Technical Panel	IEEE Turkey Technical Panel on Clean Tech	TBD	* See note below
Oct to Nov 2021	Technical Events	Space Technology Series	TBD	* See note below

* Events co-hosted with the following groups: WiE Ottawa, YP Canada, YP Montreal, YP Vancouver, YP Saint-Maurice, IEEE uOttawa, IEEE Carleton, IEEE Simon Fraser University

Awards and Recognitions

- IEEE Ottawa Outstanding Affinity Group Award, 2019
- IEEE Canada Outstanding Young Professional Affinity Group Award, 2019
- IEEE Young Professionals Hall of Fame Award, 2020
- Finalists for IEEE Canada Outstanding Young Professional Affinity Group Award, 2020

List of notable events held, sponsored or organized such as symposia, conferences, educational programs, job fairs, competitions etc.

- Professional Engineers of Ontario invited talk to engage new professionals in the professional world in pursuit of their license.
- Co-operation and Collaboration with many chapters and affinity groups across the world in technical events.
- 10+ Part Professional Development Joint Series hosting invited speakers from across the globe. Extra parts were added to the original 10-parts as interest peaks.
- Planned Space Technology Joint Series to pique the interest of young professionals in the advancement of our species towards becoming space fairing.
- Debut of the IEEE YP Run for Charity in collaboration with Engineers Without Borders; this will be a yearly event.

List of special or unique events that are to be held next year

- Space Technology Series
- Collaboration with Global IEEE Chapters
- Space Technology Competition

3) WIE – Women in Engineering

Chair: Fadwa Darwaish, fadwadarwaish@ieee.org

Vice Chair: Ragunath Anbarasu

Secretary: Hind Mukhtar

Treasurer: Dr. Hala As'ad

Website: <http://www.ieeeottawa.ca/wie/>

List of Activities

Total Number of Technical Meetings:

This Year (2021): 30

Last Year (2020): 44

Date, Time, Location	Type (Tech Meeting, Workshop, DL, Social, Luncheon, etc.)	Title and Brief Description	Attendance (IEEE members and Total)	Joint Activity Sponsors
Mar. 6, 2021	Workshop	Professional Development Series: Resume	IEEE Attended: 5	IEEE YP Ottawa

5 – 6 pm. Online.		Building Workshop	Total: 35	
Mar. 6, 2021 6 - 7 pm. Online.	Workshop	Professional Development Series: LinkedIn Profile Management	IEEE Attended: 5 Total: 35	IEEE YP Ottawa
Mar. 13, 2021 12 – 1 pm. Online.	Workshop	Professional Development Series: Job Search from a Recruiter Perspective.	IEEE Attended: 5 Total: 35	IEEE YP Ottawa
Mar. 14, 2021 12 – 1 pm. Online.	Workshop	Professional Development Series: Landing Your Dream Job.	IEEE Attended: 5 Total: 35.	IEEE YP Ottawa
Apr. 28, 2021	Networking Meeting	WIE Region 7 Networking Event. Represented Ottawa in the networking event.	IEEE Attended: 28 Total: 33.	WIE Winnipeg, WIE Montreal
May. 10 th , 2021	Workshop	The Role of AI in 5G/6G and IoT-Enabled Smart Grids (collab).	IEEE Attended: 30 Total: 110.	IEEE YP Montreal. Other YP societies.
May 20 th , 6 -7 pm.	Webinar	The Power of Data: Utilizing Machine Learning for Earth, the Sun, and Mars Applications	IEEE Attended: 56.	-
May. 25 th ,	Webinar/Workshop	Machine Learning in Biomedical	IEEE Attended: 75.	-

6 -7 pm.		Data		
Jun. 3 rd 6 – 7 pm.	Webinar	Leveraging External Data Sources to Enhance Secure System Design. By Prof. Jason Jaskolka.	IEEE Attended: 42.	-
May 31 st , 2021 5:30 – 7pm.	Technical Meeting	IEEE Canada Humanitarian Initiative. Introduction to various activities/collaborations.	IEEE Attended: 9 Total: 9.	Region 7 IEEE YP Ottawa IEEE uOttawa
Aug. 3 rd , 2021 12 pm -1 pm	Outreach Camp	IEEE YESIST'12 conference Information Session. Targeted towards North America.	IEEE Attended: 10.	-YESIST conference -WePower Track.
Summer 2021	Workshop	Collaboration with the 2021 Summer Professional Development Series with Young Professionals Ottawa. Inspired by WIE Prof. Development series held by WIE, speakers were invited to speak to the one held by YP.	>50	IEEE YP Ottawa
Nov. 1 st , 2021 7 – 8 pm	Panel	IEEE WIE Canada Award Panel. Discussed	IEEE Attended: 24.	IEEE WIE Canada

		various Awards and how to apply.		
November 2020- November 2021	Meetings	Monthly Meetings with IEEE WIE Group members. Meetings held to discuss future activities. New members were also introduced during these meetings.	7 – 10	

List of notable events held, sponsored or organized such as symposia, conferences, educational programs, job fairs, competitions etc.

- **School Guest**
- ANCWT (Advancing New Canadian Women in Technology) Co-hort, Presenting IEEE WIE as part of women societies, and speakers coordinating.
- Held exclusive informative session on WePower track of the IEEE YESIST'12 conference.

List of special or unique events that are to be held next year

- Women figures Trivia – Know more about us type of event.
- Technical Hackathon – solving real-life problems
- Outreach collaboration with further organizations such as Robogals to reach young girls and expand interest in engineering.

4) IEEE Algonquin College Student Branch

Chair: Vacant

No activity is reported for this calendar year.

5. IEEE Ottawa Section Executive 2021

The current IEEE Ottawa Section executive officers are as follows:

Chair: Ajit Pardasani

Vice Chair: Mostafa Farrokhhabadi

Treasurer: Amir Andiliby

Secretary: Deyasini Majumdar

Past Chair: Winnie Ye

6. IEEE Ottawa Section Elections for 2021 Executives

The IEEE Ottawa Section Nominations and Appointments Committee proposes the following nominees, who have agreed to serve, if elected, as the 2021 IEEE Ottawa Section Executive.

IEEE Ottawa Section Executive Slate:

Chair: Mostafa Farrokhhabadi

Vice-Chair: Deyasini Majumdar

Treasurer: Amir Andiliby

Secretary: Ankita Dey

The elections will be held during the AGM 2021 Business part.

7. List of 2021 Section Executives and Officers

1) Executives

- Chair – Ajit Pardasani, ajit.pardasani@ieee.org
- Vice Chair – Mostafa Farrokhhabadi, mostafa.farrokhhabadi@ieee.org
- Secretary – Deyasini Majumdar, deyasini.majumdar@ieee.org
- Treasurer – Amir Andaliby, amir_andaliby@ieee.org
- Past Chair – Winnie Ye, winnie.ye@ieee.org

2) Committees

- Annual General Meeting (AGM) Planning
 - Chair – Mostafa Farrokhhabadi, mostafa.farrokhhabadi@ieee.org
- Awards and Recognitions
 - Chair – Wahab Almuhtadi, almuhtadi@ieee.org
 - Member – Section Officers
 - Member – Raed Abdullah, raedabdullah@ieee.org
- Bylaws
 - Chair – Branislav Djokic, branislav@ieee.org
 - Vice Chair – Kexing Liu, Kexing.liu@ieee.org
- Educational Activities (EA)
 - Chair – Branislav Djokic, branislav@ieee.org
- Engineers in Transition Activities (EiT)
 - Chair – N/A
 - Vice Chair – N/A
- Industry Relations Committee
 - Chair – Eric Karmouch, ekarmouch@ieee.org
 - Lunch and Learn Coordinator – Michael Lalonde, michael.lalonde@ieee.org
- Life Member
 - Chair – Wolfram Lunscher, wlunscher@gmail.com
- Membership Development (MD)
 - Chair – Amir Andaliby, amir_andaliby@ieee.org
- Nominations and Appointments
 - Chair – Wahab Almuhtadi, almuhtadi@ieee.org
 - Member – Raed Abdullah, raedabdullah@ieee.org
 - Member – Branislav Djokic, branislav@ieee.org
 - Member – Sreeraman Rajan, Sreeraman@ieee.org
 - Member – Saman Adham

- Member – John Grefford, Grefford@ieee.org
- Member – Voicu Groza
- Member – Tom Lavrisa, lavrisa@ieee.org
- Member – Section Chair
- Member – Section Vice-Chair

- Publications
 - Chair – Deyasini Majumdar, deyasini.majumdar@ieee.org
 - Newsletter Editor – Tejash Patel, tejashatel@ieee.org
 - Social Media Coordinator – Erdem Yanikomeroglu, ErdemY_CA@ieee.org
 - Webmaster – Amir Andaliby, amir_andaliby@ieee.org

- Robotics Competition
 - Chair – Kelly Xu, ieeeorcfinance@gmail.com
 - Vice-Chair – Loïc Darboux

- Senior Membership
 - Chair – Sreeraman Rajan, Sreeraman@ieee.org
 - Vice Chair – Bhashyam Balaji

- Strategic Planning
 - Chair – Raed Abdullah, raedabdullah@ieee.org

- Teaching In-Service Program (TISP i.e. STEM Outreach)
 - Chair – Wolfram Lunscher, wlunscher@gmail.com

- Special Interest Group on Humanitarian Technology (SIGHT)
 - Chair – Alfredo Herrera, alfredo.herrera@ieee.org
 - Vice Chair – Sean Campeau, sean.campeau.ca@ieee.org
 - OS-ARIS Project Lead – Kin Y. Sze, kinsze@ieee.org

3) Chapters

- AESS – Aerospace and Electronic Systems Society
 - Chair – Sreeraman Rajan, Sreeraman@ieee.org
 - Vice Chair – Bhashyam Balaji

- AP/MTT – Microwaves/Antennas/Propagation Society
 - Chair – Marwen Ben Rejeb, marwen.benrejeb@ieee.org
 - Vice Chair – Ramzi Darraji, rdarraji@ieee.org
 - Secretary – Anis Ben Arfi, anis.b.a@ieee.org

- CI & SMC – Joint Chapter of Computational Intelligence and Systems, Man and Cybernetics Societies
 - Chair – Rafael Falcon, rfalcon@ieee.org
 - Vice Chair – Julio Valdes, Julio.Valdes@nrc-cnrc.gc.ca

- CS – Computer Society
 - Chair – Eric Karmouch, ekarmouch@ieee.org
 - Vice Chair – Michael Lalonde, michael.lalonde@ieee.org
- ComSoc, BTS & CES- Joint Chapter of Communications Society, Broadcast Technology Society and Consumer Technology Society
 - Chair – Wahab Almuhtadi, almuhtadi@ieee.org
 - Vice Chair – Claude Brulé, brulec@algonquincollege.com
 - Secretary – Raed Abdullah, RaedAbdullah@ieee.org
 - Membership Development – Tony Khoury, tkhoury@ieee.org
- EPS - Electronics Packaging (formerly Components, Packaging and Manufacturing Technology (CPMT)) Society
 - Chair – Qi-Jun Zhang, giz@doe.carleton.ca
- DEIS – Joint Ottawa-Montreal Chapter of Dielectrics and Electrical Insulation Society
 - Chair – Refat Atef Ghunem, refat.ghunem@nrc-cnrc.gc.ca
- EDS, CAS, & SSCS – Joint Chapter of Electron Devices Society, Circuits and Systems Society, and Solid-State Circuits Society
 - Chair – Ramachandra Achar, achar@doe.carleton.ca
 - Vice Chair – Ihsan Erdin, ierdin@ieee.org
- EMC – Electromagnetic Compatibility Society
 - Chair – Syed Bokhari, bokhari@ieee.org
 - Vice Chair – Qiubo Ye, qiubo.ye.1997@ieee.org
- EMBS – Engineering in Medicine and Biology Society
 - Chair – Sreeraman Rajan, sreeraman@ieee.org
 - Treasurer – Andrew Law, andrew.law@nrc-cnrc.gc.ca
 - Secretary – Yuu Ono, yuuono@sce.carleton.ca
- IMS – Instrumentation and Measurement Society
 - Chair – Voicu Groza, vgroza@ieee.org
 - Vice Chair – Branislav Djokic, branislav@ieee.org
- PHO – Photonics Society
 - Chair – Winnie Ye, winnie.ye@ieee.org
 - Treasurer – John Bernard, john.Bernard@nrc-cnrc.gc.ca
 - Past Chair – Karin Hinzer, khinzer@uottawa.ca
 - Senior Past Chair – Kexing Liu, kexing.liu@ieee.org
- PES – Power and Energy Society
 - Chair – Ajit Pardasani, ajit.pardasani@ieee.org
 - Vice Chair – Branislav Djokic, branislav@ieee.org
 - Secretary – Shamsodin Taheri, shamsodin.taheri@gmail.com
 - Treasurer- Raed Abdullah, raedabdullah@ieee.org

- Past Chair – Wahab Almuhtadi, almuhtadi@ieee.org
Webmaster – Wahab Almuhtadi, almuhtadi@ieee.org
- RAS & CSS – Joint Chapter of Robotics & Automation, and Control Systems Societies
 - Chair – Jurek Sasiadek, jsas@ccs.carleton.ca
 - Vice Chair – Dan Necsulescu
- R-PEL – Reliability Society & Power Electronics Society Joint Ottawa Chapter (R-PEL)
 - Chair – Tanya Gachovska, tgachovska@yahoo.com
 - Vice Chair – Mostafa Abarzadeh
 - Secretary – Mahdi Ranjbar
- SP, OE, & GRS – Joint Chapter of Signal Processing, Oceanic Engineering, and Geoscience and Remote Sensing
 - Chair – Yifeng Zhou, yifeng.zhou@crc.gc.ca
- TEMS, PCS, & SSIT – Joint Chapter of the Technical Management Council, Professional Communications Society, and Society on Social Implications of Technology
 - Chair – Dr. Ray Barton, Ray.Barton@IEEE.org
- VTS – Vehicular Technology Society
 - Chair – Richard Yu, richard.yu@carleton.ca

4) Affinity Groups

- AICN – Alliance of IEEE Consultant Network
 - Chair – Bhagvat Joshi, bjoshi@ieee.org
 - Vice Chair – Mike Bourassa, michael.bourassa@ieee.org
- YP (formerly GOLD) – Young Professionals
 - Chair – Joseph Botros, joseph.botros@carleton.ca
 - Vice Chair – Daniel J. King
 - Treasurer – Ahmed Ashoor, ahmedashoor@cunet.carleton.ca
 - Secretary – Sonya Leonard
 - Marketing Officer – Joao Nizer
 - Outreach Officer – Milad Tannous
 - Research Officer – Reza Movahedinia
 - Advisor General – Mohamed Emara, emara@ieee.org
- WIE – Women in Engineering
 - Chair – Fadwa Darwaish, fadwadarwaish@ieee.org
 - Vice Chair – Ragunath Anbarasu
 - Secretary – Hind Mukhtar
 - Treasurer – Dr. Hala As'ad
 - Past Chair – Anastassia Gharib, anastassiagharib@ieee.org

5) Student Branches

- Carleton University Student Branch
 - Chair – Erdem Yanikomeroglu, chair@ieeecarleton.ca
 - Co-Vice Chair – Hamas Waqar, vicechair@ieeecarleton.ca
 - Secretary – Nathan Fohkens, secretary@ieeecarleton.ca
 - Treasurer – Hemant Gupta, treasurer@ieeecarleton.ca
 - Publications Director – Brian Yang, publication.director@ieeecarleton.ca
 - Competitions Director- Gabriel Elkadiki, competitions@ieeecarleton.ca
 - Volunteers Director – Zachary Meunier, volunteerdirector@ieeecarleton.ca
 - Services Director – Mario Shebib, servicesdirector@ieeecarleton.ca
 - External Director – Nick Armstrong, externaldirector@ieeecarleton.ca
 - Webmaster – Akaash Kapoor, webmaster@ieeecarleton.ca
 - Finance Director – Ghassan Arnouk, financedirector@ieeecarleton.ca
 - Social Director – Anuj Mathur, social@ieeecarleton.ca
 - Academic Director – Konstantin Fedotov, academicdirector@ieeecarleton.ca
 - SLAM Lead – Maninder Sapran, slamlead@ieeecarleton.ca
 - Faculty Advisor – Winnie Ye, winnie.ye@carleton.ca
 - Past Chair – Ahmed Sakr
 - Carleton University WIE Affinity Group
 - Chair – Bailey Lenihan, wiechair@ieeecarleton.ca
 - Vice Chair – Irvin Randhawa, wievicechair@ieeecarleton.ca
- University of Ottawa Student Branch
 - Chair – Vlad Jidkov, chair@ieeeuottawa.ca
 - Vice Chair – Madison Smrtka, social@ieeeuottawa.ca
 - Secretary – Victoria Hough
 - Treasurer – Sanat Nayar, treasurer@ieeeuottawa.ca
 - VP Communication – Nicholas Morin
 - VP Social – Mohit Kapur
 - VP Internal – Ali Jafri
 - VP External – Alois Clerc
 - VP Academic – Vlad Jidkov
 - McNaughton Center Director – Omer Abubaker
 - Webmaster – Ryan Fleck
 - Student Advisor – Robert Conrad, chair@ieeeuottawa.ca
 - University of Ottawa WIE Affinity Group
 - WIE Chair – Victoria Hough, wie-chair@ieeeuottawa.ca
 - WIE Vice Chair – Edu Su Bicer, wie-vicechair@ieeeuottawa.ca
- Algonquin College Student Branch
 - Chair – Vacant
 - Vice Chair – Vacant
 - Secretary – Vacant
 - Treasurer – Vacant
 - Student Ambassador – Vacant