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# One IEEE, One Voice

## Region 8 AGM - Nov. 2024

*Dr. Tom Murad , P.Eng.*

*IEEE Region 7 Director ( 2024 – 2025 )*

*IEEE Canada President (2024-2025)*



**IEEE Canada**



Established 1995



# Tom Murad - Ph.D., P.Eng., F.EC, F.EIC, SM. IEEE



- *Member of Engineering Order of Honour - Professional Engineers Ontario "PEO"*
- *BSc. Engineering (Electrical & Electronics), and Ph.D. in Power Electronics and Industrial Controls - Loughborough University of Technology in the UK, with a Leadership Program Certificate from Schulich Business School, York University in Ontario, Canada.*
- *Technology leader, CTO, Adjunct Professor , Innovator, thinker, Board Member, award-winning Educator, and*
- *Distinguished speaker& advocate for innovation and creativity specifically in the Areas of:*  
*Engineering & Technology, Mechatronics, Digitalization, Smart Infrastructure, Industry - 4.0, Leadership, and technical education & talents / skills development.*
- IEEE Region 7 Director / IEEE Canada - President & Chair of the Board of Directors.
- Board Director – Ontario's Government's Post Secondary Education Quality Board " PEQAB"
- Board (Council ) Member - Engineering Institutes of Canada " EIC "
- Fellow of Engineering Institutes of Canada " EIC "
- Fellow of Engineers Canada "F.E.C".
- Adjunct professor at the College of Engineering & Physical Sciences- University of Guelph.
- Chair - IEEE Railway Electrification Technical Committee.
- Awardee of IEEE Canada's 2019 J.M. Ham Outstanding Engineering Educator Award.
- Licensed Professional Engineer "P.Eng." in Ontario (PEO & OSPE); Alberta (APEGA) & N.W.T. (NAPEG)
- Member of the PEO Licensing "Engineering Experience Review"- ERC Committee (since 2003).
- Advisory Board Member-School of Mechatronic Systems Engineering at Simon Fraser University "SFU"
- Chair - IEEE Toronto Section (2016-2017).
- Ex- Vice Chair & Member of Board of Directors – Ontario Soc. Of professional Engineers "OSPE "
- EX-Member of Board of Directors - Canadian - German Centre for Innovation and Research.





### What Makes IEEE Canada Different ?



Around 14,500 members – 4<sup>th</sup>.  
Country for IEEE membership  
(after US, India & China).

Over 3000 student members –  
5<sup>th</sup>. Country for IEEE Students  
Membership (after India, US,  
China & Tunisia)

IEEE Canada is a member  
of the Engineering Institute  
of Canada "EIC"

IEEE Canada has its own IEEE  
Canadian Foundation.  
Primarily to support student  
related activities

IEEE Canadian Review  
(Region 7 Quarterly  
Magazine)

The IEEE Canadian Journal of  
Electrical and Computer  
Engineering  
(Academic Publishing)

IEEE Canada Press.

21 Sections in 3  
Geographical Areas

4 Major Operational  
Committees (Grouping  
Multiple Functions /  
Subcommittees & Affinity  
groups + 6 Standing  
Committees





Connecting

Industry, Young professionals, Students, Women in engineering, Government and Academia:

Most conferences host Industry, WIE, YP and Student Sessions

### CCECE

(Canadian Conference on Electrical and Computer Engineering)

### EPEC

(Electrical Power and Energy Conference)

**ANTEM** (International Symposium on Antenna Technology and Applied Electromagnetics)

*Hosted for the first time in 2021 as an IEEE Canada Conference in Winnipeg*

### IHTC

(International Humanitarian Technology Conference) was inaugurated in Montreal

*Now, A shared conference between R7, R8, & R9 rotating through the 3 Regions*

### HISTELCON

(**HIST**ory of **EL**ectro-technology **CON**ference).  
Primarily Initiated by R8

*Now, A shared conference between R7, R8, R9 & R10 rotating through the Regions*







# Thank You

Dr. Tom Murad - P.Eng., PhD., F.E.C., SMIEEE