



IEEE Canada

Northern Canada Section



IEEE-NCS, IAS/PES Presents

Tuesday, November 17, 2015, 6:10 to 9:00pm

The Annual General Meeting will start at 5:15pm and will precede this presentation

“Practices of Distribution Insulation Coordination”

Abstract:

Practices of Distribution Insulation Coordination

- 1) Overview of Presentation
- 2) The Origin and Shapes of Distribution System Surges
- 3) Where Surges Matter and What They Do
- 4) Insulation Systems and How They Go Bad
- 5) History and Application of Distribution Surge Arresters (Over-Voltage Protection)
- 6) Reality Check

For more details for the event or registration questions or concerns please contact Peter Rothwell prothwell@ibgtech.com or Alex Nassif at alexandre.nassif@atcoelectric.com



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Biography:

Thomas C Hartman, P. Eng.

Principal Engineer – Systems Engineering and New Technologies, ATCO Electric

Tom has been with ATCO for three years leading the introduction of new technology such as distribution automation, DMS, advanced system engineering, and telecommunications.

Tom's career has spanned more than 38 years in the power system industry. He began at Cooper Power Systems as an EIT and steadily progressed to the position of Chief Engineer for surge arresters, fuses, and open air switchgear product segments. During this time Tom consistently conceived of and developed new products and apparatus that account for 40% of the plant sales in 2015. Tom then moved to EATON Corporation as the Engineering Manager for the Tampa, Florida, Pittsburgh, Pa. and Calgary, AB surge protective devices manufacturing locations. At Eaton, he collaborated with key customers, in the commercial, nuclear, and military segments, to develop new surge protection products for their unique applications including low cost power quality internet appliances that we now know of as the Internet of Things. At Eaton, Tom was certified in ISO 9001, Lean Manufacturing, and Six-Sigma for Design and Development.

Globally, Tom is recognized for having over thirteen US, Canadian, and international patents. He has served on IEC, IEEE, and ANSI standards committees for the development of international surge arresters standards for which he was awarded the IEEE Standards Medallion. Currently Tom serves as the chairman for the CSA standard C22.2 No. 269. Canada's first standard for the design of low voltage surge arresters.



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Annual General Meeting

Elections will be held during our AGM from 5:15 to 6pm. Please note the AGM will precede our scheduled technical meeting.

The IEEE-NCS, IAS/PES joint chapter provides numerous technical seminars and tutorials throughout the year for the electrical engineering community. Not only does this provide the opportunity to bring in distinguished lecturers in our field to discuss relevant technical topics but it is also a fantastic opportunity to network and socialize with your colleagues.

We are seeking volunteers to join our executive and committees. Please send all nominations to our Nominating Committee Chair, Alex Nassif at alexandre.nassif@atcoelectric.com.

There will be elections for all of the following Chapter positions:

- Chair
- Vice-Chair
- Secretary
- Treasurer
- Communications Director

Not interested in joining an executive position but still wish to volunteer? We would love to hear from you and have open positions that can use your support and assistance.

If you have any questions or would like more information on how you can help out the chapter please feel free to contact any of the current executive:

Alex Nassif	Chair	alexandre.nassif@atcoelectric.com
Peter Rothwell	Past Chair	prothwell@igbtech.com
Carl Lam	Vice-Chair	cflam@suncor.com
David Roth	Secretary	davidroth@siemens.com
Kyle Busby	Treasurer	kyle@altelec.net
Blaine Larson	Corporate Communications	blaine@altelec.net

We thank you for your interest in the IEEE-NCS, IAS/PES and look forward to your support in 2016 and seeing you out at our AGM.

Please note: to nominate, vote or run for a position you need to be a member of both IEEE and either PES or IAS.

Attending the AGM portion of this meeting is free of charge, but advance online registration is required at: <https://meetings.vtools.ieee.org/m/36607>



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Agenda:

Annual General Meeting:	5:15 pm – 6:00 pm
Announcements	6:00 pm – 6:10 pm
Technical Presentation with Q&A:	6:10 pm – 9:00 pm

Online Registration (October 17th – November 10th)

<https://meetings.vtools.ieee.org/m/36605>

IEEE Members: \$25
Non-IEEE members: \$30
IEEE Student Members: \$10
Non-IEEE Student: \$12.50
IEEE Life Members: Free

Please note: if you are only attending the AGM, admission is free of charge; however advance online registration is required at: <https://meetings.vtools.ieee.org/m/36607>

At the Door Registration - (Payable by cash or cheque only)

IEEE Members: \$30
Non-IEEE members: \$35
IEEE Student Members: \$15
Non-IEEE Student: \$17.50
IEEE Life Members: Free

Please have your **IEEE membership card** ready to obtain the discount.



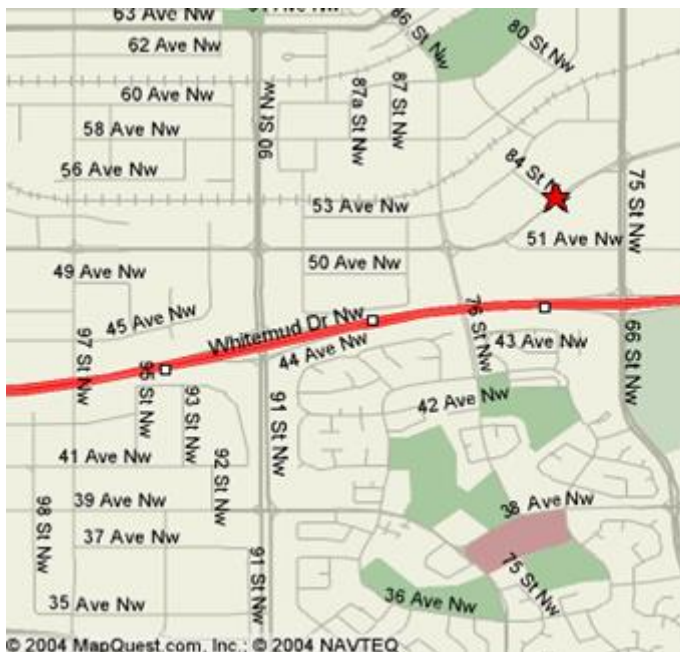
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Location:

German Canadian Cultural Centre
8310 Roper Road, Edmonton



Contact:

Peter Rothwell, prothwell@igbtech.com
Alex Nassif, alexandre.nassif@atcoelectric.com

Event Sponsor:

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<http://sites.ieee.org/northern-canada-pesias/>