



IEEE Canada

Northern Canada Section



IEEE-NCS, IAS/PES Presents

Tuesday, April 1st, 2014, 6:00 to 9:00pm, doors open at 5:30pm

“What’s New with Medium Voltage Drives”

Abstract:

Bill Lockley and Rick Paes

- Technical changes and innovation over the last few years;
- IEEE 1566 2nd Edition;
- Unique applications such as marine, long cable runs and generator supply;
- Data Sheet and Data Sheet Guide;
- How to apply and order a MV ASD.

For more details for the event or registration questions or concerns please contact the event coordinator Blaine Larson blaine@altelec.net or David Roth davidroth@siemens.com



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Bill Lockley is a 1966 Electrical Engineering graduate of Sydney University (Australia). He is a Life Fellow Grade Member of IEEE and is a Professional Engineer in the Province of Alberta. He worked for utility, defense, manufacturing and service organizations before starting his own consulting business in 1988. He is Chair of the PCIC International Subcommittee, a member of various IEEE and API standards working groups (including past Chair of the IEEE 1566 (Large Drives) working group; and is an author of various IEEE PCIC and other papers.



Rick Paes received his degree in electrical/electronic engineering technology from Conestoga College, in Kitchener, Ontario Canada in 1981. Since graduation, he has been employed with Rockwell Automation. His primary roles include the application of various motor starting methods, including medium voltage drives for medium voltage induction and synchronous motors. He is a Senior member of IEEE, was a committee chair for the 2001 PCIC conference in Toronto, currently Secretary of the PCIC Marine Subcommittee, Chair of the IEEE 1566 Large Drive Standard and past chair of the 2007 Calgary and 2008 Edmonton IEEE IAS Mega Projects workshops. Mr. Paes is a P.L.(Eng) in the province of Alberta, Certified Engineering Technologist in the Province of Ontario as well as a certified PMP.



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GOLD Speaker:

To promote the Graduates Of the Last Decade (GOLD) we will have a 15 minute opening presentation from a GOLD Guest Speaker on “Building a Distribution Automation Program”

Building a Distribution Automation Program

SCADA has long been a staple of the transmission world, where it is a mature technology serving very well-understood business and operational needs. As this, and other automation technologies, enters the distribution world, however, we find that the needs are different. In this presentation, we will have a look at some of the needs driving the distribution automation program at ATCO Electric, and at how they affect the system design and architecture choices made.

Bio

Chris Loo is a 2007 graduate of Electrical Engineering from the University of Alberta. He has worked for ATCO Electric since before graduation, and has over 7 years of technical engineering experience. His work experience focuses extensively on the design, delivery, and support of SCADA and automation projects, both in substations and along distribution feeders; other work experience includes distribution line design, power quality, and creating software tools for engineering. He has a special interest in the automation: namely, making machines and systems do things that humans shouldn't have to. Chris is currently leading the Distribution Automation program at ATCO Electric. Chris is a member of the IEEE Power and Energy Society and is a registered professional engineer in the province of Alberta.



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Agenda:

At the Door Registration, Cash Bar Social with Appetizers:	5:30pm
GOLD Speaker Presentation with Q&A:	6:00 – 6:25pm
Main Speaker Presentation with Q&A:	6:30 – 9:00pm

Online Registration

https://meetings.vtools.ieee.org/meeting_view/list_meeting/24243

Registration (March 1 – March 25st)

IEEE Members: \$20
Non-IEEE members: \$30
IEEE Student Members: \$10
Non-IEEE Student: \$12.50
IEEE Life Members: Free

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

IEEE Members: \$25
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.



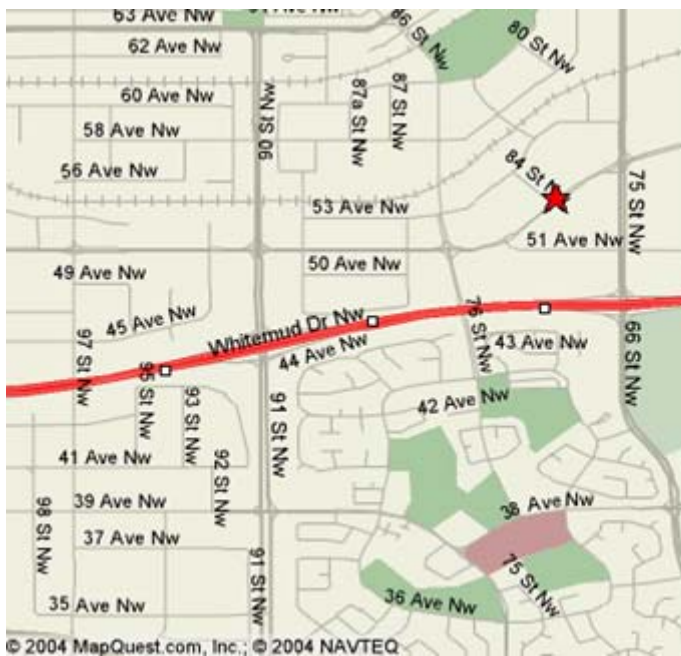
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Location:

German Canadian Cultural Centre
8310 Roper Road, Edmonton



Contacts:

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David Roth: davidroth@siemens.com

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