



Edmonton Section

# CONTACTOR

Setting the Standard for Automation

November 2009



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## PRESIDENT'S MESSAGE

Well, as 2009 winds down and the Christmas Season is just around the corner, we have had a very positive response to the 2009 Technical Meetings and Professional Development Courses.

Coming up this Monday, November 23rd, ISA Edmonton is pleased to host another great technical presentation. We have WIKA Instruments presenting with an informative evening on Temperature Sensors and Measurement, with more detailed information on this topic in this month's issue of The Contactor.

Find out what is new in the field of temperature measurement as it applies to industrial process measurement and control... the fundamentals are there but the techniques are becoming better each year and this meeting should bring us all up to date.

Now, an invitation to all members of the Edmonton Section who have considered or are contemplating becoming more involved with our Section. We will be hosting a breakfast meeting for our Board and we would like to invite and meet you on Saturday, December 5th. The purpose of this meeting is to introduce the various positions that involve the volunteer efforts of our membership in running one of the most successful Sections in ISA Internationally, right here in Edmonton! There are several positions opened - ASET Liaison, Section-Division Liaison, Communications Director, Marketing Chair, to name but a few - due to this past year's economy and Board Members having to move or take up new employment elsewhere. Most Board positions are a one-year volunteer commitment, and this gives you an opportunity to do more than just pay a yearly membership - here is your opportunity to organize Section events with fellow members - and have a lot of fun doing just that. So, if you have ever pondered getting more for your annual dues, this is it. This could be one of the best decisions you will make going into 2010! At the time of this message, the final touches are being added, and more information will be forthcoming. Stay tuned.

But wait! We are not done yet. Curling season is upon us at the Derrick, and we have a mixed Funspiel being finalized for Sunday, December 6th for you, again with details forthcoming. So get some back stretching started and be prepared for a lot of great curling and even more laughter as our own Edmonton Section's Whisper of the Rings precedes the real thing, the Roar of the Rings happening at Northlands the following week. Curling and dinner... a good time will be had by all!

Hope to see you Monday, November 23rd !

**Stephen Kelly**



## Section Events

**Monday: November 23, 2009**

Temperature Sensors & Measurements  
*Woodvale Community League, Edmonton*

**RSVP Deadline:**  
**Thursday, November 19, 2009.**

**\*No December Meeting\***

**Sunday: December 6, 2009**

Whisper of the Rings: Curling Funspiel  
*Derrick Golf and Country Club*

**RSVP Deadline:**  
**Friday: November 27, 2009**

The Next Issue of the Contactor is December 2009

The deadline for this issue is December 10, 2009

Please send your inserts print ready to Sandra Clarke:  
admin@isaedmonton.ca

## **New Members**

Welcome to ISA and the Edmonton Section

Steve Fee  
Derek Munroe  
Enrique Escobedo



# ISA Edmonton 2010 Exhibit & Conference

Wednesday, **April 14th** – 10:00 am - 6:00 pm  
Thursday, **April 15th** – 10:00 am - 5:00 pm

Edmonton  
**EXPO**  
Centre  
Halls F, G & H

# Safety & SECURITY

Over \$10,000  
in Prizes  
To Be Given Away\*

Information and Registration online at  
[www.isaedmontonshow.ca](http://www.isaedmontonshow.ca)



\*Rules for contest including categories and terms of entry available on website.

## ISA Edmonton Section Conference & Exhibition

April 14—15, 2010  
Northlands Agricom

This year's event promises to continue to build on our past success so mark these dates on your calendar today!

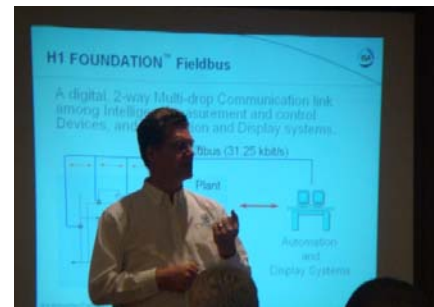
The committee is also planning a 3-track conference so watch for more information and a call for presentations in a future issue of the Contactor and on the website above.

### TECHNICAL SECTION AVAILABLE ONLINE



An updated copy of the  
**ISA Alberta Directory's  
Technical Handbook**  
will soon be available online at  
[www.isaalbertadirectory.ca](http://www.isaalbertadirectory.ca)

**Please Note:** A Font issue caused some text to display improperly in the Technical Section of the printed 2009/2010 Directory. Please refer to the online pdf for the corrected version.



ISA Edmonton Section would like to thank Ian Verhappen from Industrial Automation Networks Inc. for volunteering his time to speak at the Foundation Fieldbus Seminar.



There were 29 participants at the Foundation Fieldbus Seminar held on October 22, 2009. Stay tuned for the next Professional Development Seminar coming this spring.



## Industrial Automation Networks Inc.

Alberta's first engineering company dedicated to field level networks is now open for business!

If you need help at any stage of your Fieldbus, wireless, or field communications networks we are here to help make industrial networks easy by solving all your networking problems.

Phone: 888 978 6463 (888 9RU-MINE)

Web: <http://www.industrialautomationnetworks.com>

**Making Industrial Networks Easy™**



# Whisper of the Rings

Edmonton Section First Annual Funspiel

Sunday December 6, 2009

Derrick Golf and Country Club

Program:

17:00 Cocktails

17:30 Christmas Buffet Dinner

18:45 Curling

20:30 Prize Ceremony and Wrap Up

Come for a fun curling event, even if you're a non-curler. We only have space for a maximum of 32 people or 8 teams, should you wish to bring your office or your spouse and another couple as a foursome for some holiday celebrating in a healthy way.

## **Registration:**

Entry fee per person is \$30.00 payable by VISA to the ISA Edmonton Section through Sandra Clarke (admin@isaedmonton.ca) or 780 960 7349. Equipment such as broom and slider are available at the Club. Deadline for registrations is November 27.



The Derrick Golf and Curling Club is at 3500-119street, Edmonton, AB  
<http://www.mapquest.com/maps?city=Edmonton&state=AB&address=3500-119street>





## UPCOMING COURSES AT SPARTAN CONTROLS – EDMONTON

Course 7018: DeltaV Hardware & Troubleshooting

- ❖ *This 4-day course covers the hardware components that make up the DeltaV system. With a combination of lecture and workshops, the student will assemble the system, power up the Controller, I/O subsystem and workstation. The student will learn how to use the diagnostic tools available to verify any fault conditions that are hardware related. Students will also be introduced to configuration tools and the operator interface.*

**Date: Dec 7-10, 2009**

**Price: \$3,480.00**

Course 7025: DeltaV Advanced Graphics

- ❖ *This 4-1/2 day course expands on graphic topics covered in both the DeltaV Implementation, course 7009 and DeltaV Implementation II, course 7017.*

**Date: Dec 14-18, 2009**

**Price: \$ 3,770.00**

Course R325: REMVue® - 500 Field Technician Training

- ❖ *This 1-day course provides an overall working knowledge of the REMVue®- 500 controller. Students are presented with a comprehensive overview of the hardware and software tool requirements for this product.*

**Date: Dec 14, 2009**

**Price: \$ 500.00**

Course R345: REMVue® - 500 Level 2 Software Training

- ❖ *This 2-day course provides an overall working knowledge of the software packages used to configure and maintain the REMVue®- 500 control system. Students are presented with a comprehensive overview of the software tools used with this product.*

**Date: Dec 15-16, 2009**

**Price: \$ 1,000.00**

## UPCOMING COURSES AT SPARTAN CONTROLS – CALGARY

Course S110: Safety Relief Valve Sizing & Selection

- ❖ *This 1-day course uses lectures and examples to explain the correct procedure for sizing and selecting safety relief valves.*

**Date: Dec 1, 2009**

**Price: \$ 275.00**

Courses qualify as professional development credit for APEGGA or ASET. For more course information or to register on-line, please visit our website at [www.spartancontrols.com](http://www.spartancontrols.com).

### **Registration Contacts:**

Debbie Toonen

Phone: (780) 440-5666

Email: [toonen.debbie@spartancontrols.com](mailto:toonen.debbie@spartancontrols.com)

Pamela McLachlan

Phone: (780) 440-5659

Email: [mclachlan.pamela@spartancontrols.com](mailto:mclachlan.pamela@spartancontrols.com)

## **Oil Sands Automation 2010**

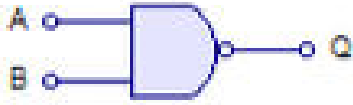
March 9 -10, 2010

Oil Sands Interpretive Centre, Fort McMurray

The organising committee is getting started on this event so if you would like to either join one of the committees or present a paper please contact Sandra Clarke who will forward your information on to the Committee members.

## **Section Meeting Tabletops**

The Edmonton Section will be having a limited number of tabletop demonstrations available at all Section meetings this year. If you are interested in reserving a spot at a future meeting please contact Sandra at the Section office.



## Northern Alberta News Developments

This is a new column that will cover “happenings” in Northern Alberta (Red Deer north) and Northeastern BC – basically the geographic area covered by the Edmonton Section.

### People

News about people in the Section and changes such as a new job, promotion, or change in status, they wish to share with others.

It is with regret that we report the recent passing of Bob Scarfe on October 1. Condolences to his friends and family. Bob will be missed.

### Products

A number of interesting products were shown at the ISA event in Houston related to wireless and data management as well as some unique non-invasive sensors that may be relevant to the oil sands. Busiest booths once again were in the wireless area.

### Press Releases

Industrial Automation Networks is now up and operating. This company will focus on field level networks and management of the resulting data. More information at [www.industrialautomationnetworks.com](http://www.industrialautomationnetworks.com).

Please submit your news to Sandra ([admin@isaedmonton.ca](mailto:admin@isaedmonton.ca)) by the 10<sup>th</sup> of each month for inclusion in the next issue of the Contactor, normally issued the following week.



## ISA Edmonton & Web 2.0 —Social Media

This year, ISA Edmonton will try to use facebook and twitter and try to get more interest in our society. If you would like to see these sites, go to our site at [www.isaedmonton.ca](http://www.isaedmonton.ca) and click on the icons and it will bring you to these sites. If you can think of anything to add, either add it, or tell me about it and I will put it up for you. It is quite small for now, but hopefully we will have more content in the next few months.

Michel Belzile



A poor man’s version of ISO-9001 can be implemented by following the principles described in the e-Myth series of publications and associated web sites.

The basic premise of the e-Myth philosophy is that most entrepreneurs (e in this case stands for entrepreneurs) fall into the trap of being the “worker” or technical specialist at the expense of “all the other jobs” that need doing to be successful and prevent personal “burn-out.”

One of the tools suggested to help you get over this hurdle is to create an organisation chart of your company with all the roles that you see yourself needing in the future and then putting a name in each box. The intent being that you work so that your name is only in the box(es) that appeal to you. Another tool to help you do this is to create clear job descriptions with complete definition of the work process down to the individual task level. (The example on the web site is the procedure to brew a cup of coffee with an automatic coffee maker so you can see how by following this process to its completion will document all your work processes to a level suitable for an ISO audit.)

The example of how this works without the average person being aware of it happening is a typical franchise operation with the most famous such operation— McDonalds being referenced throughout the books.

If you are interested in learning more about this I suggest you purchase the most recent volume in the series as it is more of a workbook or have a look at the associated web site [www.e-myth.com](http://www.e-myth.com) where many of the referenced tools can be downloaded.

If you have a topic or book you would like to have in a future version of this column please contact the editor.



# ISA Edmonton Section November 2009 Technical Meeting

## Temperature Sensors & Measurement

Woodvale Community League (Millwoods Golf Course)  
4505-50 Street Edmonton, Alberta

**Monday, November 23, 2009**

**Networking/Cash Bar: 5:30 PM**  
**Dinner: 6:00 PM**  
**Presentation: 7:00 PM**

**Cost: Members and Guest of Members \$20**  
**~ Non Members \$30 ~ Student Members - Complimentary~**

### **Biography: Adam DeLancey C.E.T.**

Adam DeLancey is the Temperature Product Manager with WIKA Instruments Ltd. in Edmonton, Alberta Canada. Graduating from NAIT's Engineering Design and Drafting Technology program specializing in Machine Design he started working for WIKA as a CADD Specialist. He then worked his way up through the ranks as CADD department Supervisor, moving to the Temperature Products Group and into the position he currently holds. At WIKA he has been actively involved with Research and Development, developing tools to aid with sales on temperature applications and 3D modeling for FEA Analysis.

### **Presentation Summary:**

This will be a continuation of our annual "back to basics session" and provide a general overview of Temperature Sensors & Measurement including the following:

- ❖ Different types of temperature sensors
- ❖ Specifics of Thermocouples and RTD's, when to use what type
- ❖ Tubeskin Measurement
- ❖ Thermowells

Bring along any temperature measurement related questions you may have for this opportunity to get them answered by someone working in this field every day.

**Space Is Limited And All Attendees Must RSVP.**  
**RSVP Deadline: Thursday, November 19, 2009.**

**Ph: (780) 960-7349 Email: admin@isaedmonton.ca**

Please post this on your bulletin board so others may benefit from your membership.

## 2009 Section Events

**\*No December Meeting\***

**Curling Fun Spiel- December 6**  
Derrick Golf and Country Club

**January Meeting- Jan. 25**  
University of Alberta  
(Student Night-John Ross Work/  
Life Balance)

**February Meeting- Feb. 22**  
Woodvale Community League  
(Canadian School of Hydrocarbon  
Measurement)

**March Meeting- Mar. 29**  
Woodvale Community League  
(Wireless (Richard May—Myotis))

**Oil Sands Conference-Mar. 9/10**  
Fort McMurray

**ISA Exhibit & Conf-Apr. 14/15**  
Edmonton

**April Meeting- Apr. 26**  
Woodvale Community League  
(Oil Sands Conference Speaker )

**May AGM Meeting- May 31**  
Woodvale Community League  
(Burner Management Systems)

**Professional Development  
Course**  
Spring Training Course

**Family Event- Jun.**  
Capitals Ball Game