



## December 2006 Update

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## 1 Message from our President

Welcome to this, the final issue of the ISA Hamilton Section Update email newsletter for 2006. It's been a terrific year of growth and renewal for our section; a time where we've been able to expand on our programs, visibility and our members' benefits. First and foremost, I would like to take this opportunity to thank all of the members of our [executive board](#) and the countless volunteers who have worked with us to make our events and meetings so interesting and successful. I'm very proud of our accomplishments to date and I'm looking forward to a very rewarding and enjoyable slate of [ISA Hamilton activities in 2007](#).

Please be sure to join us at our next members' meeting on January 30th where we'll learn about the practical side of designing and installing fieldbus segments. I'm looking forward to seeing many of you at our next meeting and ask that if you haven't yet done so, please mark it in your calendar and plan to join us on January 30, 2007. ([Be sure to visit our web site for more information on our Meetings & Events](#)) In addition to our members' meetings, please be sure to join us for [EXPO 2007, our annual Exhibition & Conference on March 27, 2007](#), and our [Golf Tournament on May 25, 2007](#). Additional information will be provided in upcoming issues of our email newsletters in 2007 and be sure to [visit our web site for any updates and the latest information](#) on these events.



In closing.... with the Holidays and the New Year rapidly approaching I want to extend our best wishes to you and yours. Have a very [Merry Christmas](#), the [Happiest of Holidays](#), and a safe, prosperous and wonderful New Year in 2007.



Warmest Regards,  
**Jerry Gelata**  
*President, ISA Hamilton Section*

**PS.** You can now pre-register to attend [EXPO 2007](#). Avoid the lines and the waiting at the conference/exhibit; [Click here to Pre-Register on-line](#) and your badge/registration details will be ready for you at [EXPO 2007](#)

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## 2 Our Next Meeting - January 2007

**Date:** Tuesday - January 30, 2007

**Time:** 6:00 PM - Dinner (Cash Bar & Dinner)  
7:00 PM - Technical Presentation

**Venue:** **Pinetree Restaurant** - 397 Centennial Parkway North - Hamilton

[Follow this link for a map and directions to the Pinetree Restaurant.](#)

Dinner cost is \$5 for ISA Members and \$15 for non-members.

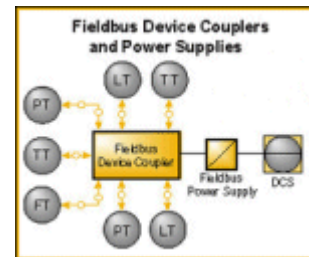
**Please be sure to confirm your dinner attendance!!**

Reserve your space for dinner and confirm your attendance via:

- Submitting the [online Attendance Confirmation form](#) -or-
- E-Mail message to [Jack Vincent](#) -or-
- Telefax sent to the attention of Jack Vincent - (519) 304-0488 -or-
- Telephone Jack Vincent - (519) 304-0489

**Subject:** **Designing & Installing Fieldbus Segments**

The presentation and discussions will focus on the Practical side of designing and installing the physical layer of Profibus PA or Foundation Fieldbus H1 segments. Specifically, the importance of short circuit protection and the methods in providing this protection; Installing Fieldbus in Hazardous areas - Div 2 through Div 1, considerations for Intrinsically Safe requirements, the value of auto termination technology, how to implement a fully redundant H1 segment.



**Speaker:** **Gary Prentice**

Gary is the Regional Sales Manager for Moore Industries-International. Gary has spent the past 30 years applying instrumentation in a sales capacity and the last 14 years have been with Moore Industries. With their acquisition of the Hawke Fieldbus products and their continued technology developments, Moore Industries' ongoing developments have led to a most robust physical layer for Fieldbus.



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### 3 Career Opportunities

Some of you may have already noticed the new [Career Opportunities](#) section/page on our web site... Several companies and organizations have advised us of career opportunities where they're looking for a variety of skilled personnel and professionals in various fields of Instrumentation & Process Automation. We will post these opportunities and some basic information on this page and will update the information from time to time.



As an additional service/benefit to our ISA Hamilton Section members... If you're looking for a new job or want to make a change in your current career path, you can [use this page to post](#) your resume. Simply submit your CV to any one of [our executive board members](#) and (subject to applicable content review) we'll have your information on-line within a day or two.

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### 4 ISA - Educational Partner at Automation World 2007



ABB Automation World  
Educational Partner

[ISA is proud to be an Educational Partner](#) at [ABB's Automation World 2007](#). A number of ISA one-day technical training courses and special topical presentations are scheduled as part of this larger event, to be held 20-22 March 2007 at the Caribe Royale Resort in Orlando, FL. In addition to ISA training courses, an ISA bookstore will also be open to all attendees. Each Automation World 2007

attendee will receive a coupon onsite to receive a \$10 discount off of any ISA publication sold in the onsite bookstore.

For a detailed list of "ISA Inside" course offerings/descriptions at Automation World 2007 and to register for these courses, [click here](#) OR on the individual course titles listed below:

- [Ethernet & TCP/IP on the Plant Floor \(FG21C\)](#)
- [Implementing Enterprises/Control Integration Using ISA-95 Standards \(IC55C\)](#)
- [Safety Instrumented Systems: The Must Know For Implementation \(EC50C\)](#)
- [Overview of Measurement & Control Fundamentals \(FG05C\)](#)
- [Securing Industrial Networks: Cyber Protection for Automation, Control & SCADA Systems \(IC32C\)](#)
- [Introduction to Applying the Batch Control Standard ANSI/ISA 88.01 \(IC40C\)](#)

NOTE: All individuals registering for a one-day ISA course also receive complimentary access to the ABB Technical Training Program & Exhibits at Automation World 2007, as well as a FREE one-year ISA membership!

[For more information regarding ABB Automation World 2007, click here.](#)  
***WE LOOK FORWARD TO SEEING YOU IN ORLANDO !!***



## 5 Standards & Practices

Yes, it's that time again; time to stand in line at my local big box emporium of home improvement delights. Time to get that new string of energy efficient festive LED holiday lights for my festive holiday tree. But LED's don't twinkle. As I stood there with the designed in the USA, made in China, packaged in Quebec, to be installed on my Burlington Ontario holiday tree, non-twinkling lights, it occurred to me that none of this would be possible without international product and safety standards - and the people that make them happen. People like our local ISA members.



I would like to thank everybody who reviewed draft standards this year and ask for your continued participation. For more information, visit ISA standards online at [www.isa.org/standards](http://www.isa.org/standards), for information on the standards committees, visit [www.isa.org/standardscommittees](http://www.isa.org/standardscommittees), and for more information on how you can participate as a local standards reviewer please contact me at [glen@ewerksinc.com](mailto:glen@ewerksinc.com).

Happy Holidays, Merry Christmas, and Best Wishes for a Prosperous New year.

**Glen Taylor**

*Standards & Practices Committee Chair, ISA Hamilton Section*

## 6 Lunch & Learn at Mohawk College

ISA Hamilton Section encourages and supports local educational institutions in the community. One of the ways we do this is to host a one hour presentation on the "Benefits of ISA".

The presentation is usually done as a Lunch & Learn where we provide the lunch, and the students come to learn about what ISA can do for them.



On November 22, 2006, Jack Vincent and Jerry Gelata hosted one of these sessions at [Mohawk College](#). Klaus Schmidtrauter helped to organize the meeting from the college side, along with assistance from Mike Edwards, George Voros, Roger Wilson and Cathy Usik.

The presentation covered what ISA is as a national organization, what the Hamilton Section is composed of and what we do locally. As well, we discussed how [membership is a benefit](#) to both students and professionals in the field of Instrumentation, Systems and Automation. We had a mix of approximately twenty students from the instrumentation and electrical programs attend and take in the presentation. As an added bonus, the ISA Hamilton Section then offers the students a free [Student Membership](#) for their first year of membership with ISA.

## 7 Your Subscription & Privacy

*We value your personal privacy and your right to choose what email messages you receive. If you've received this message in error we apologize. If you would like to have your email address removed from the ISA Hamilton mailing list, please reply to this e-mail message and simply add "REMOVE" to the subject line of your reply*

message. Please allow 4 to 6 days for this change to take effect.

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Visit our web site [www.isahamilton.com](http://www.isahamilton.com) for the latest news and updated information.

*Setting the Standard for Automation™*