



OUTLOOK

ISA Hamilton Section Newsletter

Summer Issue - June 2005

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Message from the Editor

The ISA Hamilton Section has been very active over the past few months and I wish that I had more space to bring you up to date on all of our activities. In this issue I have included some of the highlights and unfortunately I could include anything on our annual District 13 workshop in Montreal. I plan to publish three printed Outlook newsletters each year and compliment them with regular electronic issues of Outlook. This newsletter is for you, so please read and enjoy. I will always welcome any feedback on making it a better quality publication.

Sincerely yours

Bob Popek – Outlook Newsletter Editor – ISA Hamilton Section

Incoming President's Message

Dear fellow ISA Members,

Much like all long term planned events, my inaugural term as ISA Hamilton Section President has come up quickly. Graduation, marriage, your first born, all of these events are chapters of our lives that affect us forever. Will this affect me in the same way? I think it will.

My involvement with ISA started in 1987, the same year I started with my current employer. For the first seven or eight years of membership, I used ISA as most people do, as a resource for technical information, standards and keeping "in-the-know" in the instrumentation world. But when my family and I moved into the Hamilton / Niagara Region in '95, opportunities to become more involved started to surface. I attended a meeting here and there, and got to know that there was more to ISA than the Directory, Intech Magazine and Membership Fees. A core group of people had stuck together to help keep the Hamilton Section alive and well, and I am pleased to say, it is bigger, better, more active and more fun than ever.

Over the past 4 years, I have been part of the Executive, holding the Membership, Program and V.P. positions, and starting July 1, 2005, the President's position. I have big shoes to fill as Michael Bovenkamp has done a remarkable and very dedicated job for the past two years. Mike has always been there, while balancing an active and growing family, excessively busy work schedule and of course ISA. But with the tremendous support of a growing number of executives, our plan is to make it equally enjoyable for you, our membership. Our EXPO, Golf Tournament, Web Site, Member Meetings, Newsletters, Student Meetings, Advertising, etc. are all organized and handled by an extra-ordinary group of volunteers who are not paid for any of this. But at the same time, we all feel some strange kind of satisfaction and pride in being part of our great and growing community.

Please consider joining us at one of our Member Meetings to "meet and greet" some of the other people in our community that help to make ISA Hamilton Section what it is today. It is a great way for us to get to know you a little better, and who knows, you may just take away a page of a chapter in your life that you will remember forever.

Sincerely yours

Jerry Gelata - President, ISA Hamilton Section

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Message from the Past President

Members/Colleagues/Friends,

Thank you for the experiences throughout the past 2 years serving the ISA Hamilton Section members. We've worked, learned and played together. I encourage other members to get involved in your local ISA Hamilton Section Executive. My experiences as a volunteer with ISA Hamilton Section continue to be rewarding.

I would like to thank the 2004/2005 ISA Hamilton Section Executive Board for their hard work and success. I believe that we have strong team for next year with plenty of new ideas. I wish Jerry Gelata success as your new ISA Hamilton Section President.

Yours Truly,
Michael Bovenkamp - Past President, ISA Hamilton Section

ISA & CSA Standards

A Special Report by Berny Portolesi – Education Chair

A question was recently posed to the CSA (Canadian Standards Association):

"If both ISA and CSA recognize ANSI, IEC, and ISO, then would CSA recognize and adopt ISA standards for Instrumentation, and Automation practices?"

ISA has more than 150 standards and recommended practices reflecting Instrumentation, Process Control, and Automation areas. ISA and their standards are recognized and accredited by ANSI. ISA also recognizes standards and guidelines set forth by IEC.

The CSA Organization develops and also endorses already established credible Technical Trade Standards and recommended practices from various sciences. With growing concern and accountability towards Technical Fields, Standards are being focused upon more and more in our Process Control and Automation Industry's today.

In saying this, Standards development and promotion within Ontario is necessary to compliment the growth and future directions that the Instrumentation Trade is heading.

The agreement between CSA and ISA to open channels and possibly discuss the future endorsement and further recognition of ISA Standards for Instrumentation, Process Control, and Automation here within Ontario, allows for a growing promotion of the Instrument Trade here within the Province, adapts and sets a credible procedures and set Standards, and also further establishes ISA as a Society "*Setting the Standard for Automation*".

ISA Standards & Practices

Please note, the following two Standards are in the process of reaffirmation.

- 1) ISA-TR12.13.01, Flammability Characteristics of Combustible Gases and Vapors
- 2) ISA-TR12.13.02, Investigation of Fire and Explosion Accidents in the Fuel-Related Industries

Currently they are available for review and comment and available for download at the link below.

http://www.isa.org/Content/NavigationMenu/Members_and_Leaders/Standards_Committees1/ISA_Standards_Review.htm

If you are interested in providing any feedback on the standards, complete a "Review/Comment" form. You can forward it directly to ISA or to me and I will ensure that it gets to the ISA Standard committee.

Best Regards,
Jack A. Vincent – Standards & Practices Chair, ISA Hamilton Section

Special Events:

4th Annual ISA Hamilton Golf Tournament

The ISA Hamilton Section held their 4th Annual golf Tournament at the Chippewa Golf Course on Friday May 27. There were 120 golfers who participated in a scramble style event. In spite of a gloomy weather forecast the rain held out long enough to squeeze it into a perfect day for the tournament.

There were two winning teams this year and we had a coin toss to claim the trophy. I would like to congratulate the winning teams of Jason Johnston, Dave Bailey, Fred Hardie, Ron McNeil and Joe Dello, Roy Jussila, Serg Cleva & Stu McCarthy. The marked ball contest was fun and it is an honor to play a round of golf without losing the pink golf ball. Those teams completing the round with the pink ball were eligible for a prize draw.

The money raised on the Golfers Green Hole-In-One Challenge on the #7 hole of the White course was donated to the Childhood Cancer Foundation. Golfers Green would like to thank all players who donated to this charitable cause and by hitting their golf balls into the lake and not onto the green.

This year we handed out gift certificates as prizes and I found that many participants were eager to go home and share their restaurant prizes with their wives. Maybe next year we will have a massage and spa gift certificate so the guys can get out and golf more often. Ha ha! The door prize draw was popular and I would like to all vendors who donated gifts for this as well. Thanks to all the corporate sponsors that supported the golf tournament as their donations helped to enhance the quality of the prizes. Thanks to all who helped out and to all that attended.

See you again next year! Yours Very Truly
Bob Popek - Golf Tournament Organizer, ISA Hamilton Section

EXPO 2005

The executive team of the ISA Hamilton section would like to thank all exhibitors and attendees for a successful event on Tuesday March 22 at the Royal Botanical Gardens. Our EXPO 2005 was kicked off with a very informative presentation on Fieldbus FTD technology with key note speakers Jack Rintjema of Rockwell and Jason Riegert of Endress & Hauser.

Following the key note presentation the doors of the exhibit hall opened at 10:00 AM to a record crowd of attendees and exhibitors. Our tiny table top show has grown as we were busting with tables out into the hallway. Next year we hope to make more use of the outside area for even more vendors. The five technical presentations throughout the day had an excellent reception and complimented the show exhibits.

I would like to thank the hard work of our executive in assisting with the EXPO, Berny Portolesi, Jerry Gelata, Ashok Saha, Mike Bovenkamp directing car traffic outside, Bob Popek for arranging the technical presentations and Tammy Mairs and our volunteer Kim Popek at the reception table.

At the close of our show we held a door prize draw and the winners were, Sam Yiu – JNE two free golf passes to the Hamilton ISA golf Tournament valued at \$190; Richard Singer – Bartek, portable DVD player; Paul Gregoire – Mohawk College, digital camera; Brad Iles – Mohawk College, portable CD Player; Paul Gagnon – Canada Bread, Cordless telephone; Rogatai Chen – Danieli Corus, Golf shirt and golf balls donated by Real Time Systems

A successful and valued day was had by all those in attendance. We had plenty of positive feedback form which to build on for next year. I would like to thank all the vendors for without you and your support the EXPO would not be successful in bringing the new technology to all of our valued members. Be sure to reserve Tuesday March 22, 2006 at the RBG for the EXPO 2005. See you again next year

Yours Very Truly,
Alice Kelly – EXPO Chairperson, ISA Hamilton Section

ISA Hamilton Golf & EXPO 2005 - pictures



Reception: Alice Kelly, Kim Popek & Tammy Mairs



Bob Popek presents host gift to Alice Kelly



RGB has an excellent floral environment for the show.



Rob Sommerville, Alice Kelly, & Mike Bovenkamp



2 Winning golf teams: (L-R) Jason Johnston, Dave Bailey, Bob Popek (presented trophy) Roy Jussila, Joe Dello, Fred Hardie, & Ron McNeil, absent are Serg Cleva & Stu McCarthy.

Mohawk Awards Night

On April 20, 2005, Mohawk College's Faculty of Engineering Technology held their Student Awards Ceremony, honoring the dedicated and hard working students in their Technology Programs. ISA Hamilton has been able to contribute to this event in the past, and this year we were delighted once again to be able to be part of this program as a major provider of awards for the Controls & Instrumentation studies.

2005 marked a special plateau for the Faculty of Engineering Technology, as it was the inaugural year for their new 4 year program in Bachelor of Applied Technology – Process Automation. The Hamilton Section of ISA, represented by Tammy Mairs and Jerry Gelata, was proud to present the first award of the evening, and coincidentally, the first award for this new program, to Mr. Hai Jun Jiang.

Later in the evening, Tammy and Jerry were again pleased to present 3 more awards to students in the Electro technology Program. From the two year Technician Program Paul Gregoriou and Stacey McWade were the recipients. And in the 3 year Technology Program, Brandon Tiefenbach was the winner.

ISA Hamilton would like to congratulate all of the students who received recognition that night, and wish all of the Graduating Classes at Mohawk College the best of luck in their future careers.

As a side note – Ishwar Singh has retired as a full time instructor at Mohawk. We wish him well in his new relaxed life."



Mr. Hai Jun Jiang (new Process Automation Program)

Tammy, Jerry, Ishwar Singh & Klaus Schmidstrauter



Paul Gregoriou (Electro-technology Program)

Stacey McWade (behind left) & Brandon Tiefenbach

ISA Hamilton representatives Tammy Mairs (Honours & Awards) & Jerry Gelata (Vice President) presenting awards at Mohawk College

Executive Board - 2005/2006 Season

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We always look forward
to hearing from you!

Call to Member Meeting

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|------------------|---|--|
| Date: | Wednesday – September 27, 2005 | A great opportunity to meet & network with instrumentation, system & automation professionals! |
| Time: | 6:00PM Dinner (\$5 memebtrs & \$15 for non-memebtrs) 7:00PM Meeting | |
| Venue: | Pinetree Restaurant @ 397 Centennial Parkway North, Hamilton , Ont. (For a map see our web site at http://www.isahamilton.com/) | |
| Subject: | Thermal Imaging for Electrical and Mechanical Predictive Maintenance | |
| Speaker: | Peter Taylor -- BHD Instrumentation | |
| Abstract: | <p>Thermal imaging has proven to be a very useful technology for diagnosis and predictive maintenance in electrical and mechanical systems. The technique is so powerful that many insurance companies insist that their industrial accounts do annual thermal surveys of their electrical systems before they will issue or renew a policy.</p> <p>In the past, thermal imaging cameras were so expensive that they were used only by very large companies, or by costly consultants. A new generation of cameras has recently come on the market which brings thermal imaging within the reach of most well equipped maintenance and electrical shops.</p> <p>This seminar introduces several of the more popular applications for thermal imaging, and discussed some of the pitfalls of the technique, and how to avoid them.</p> | |