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Upcoming Events

- ◆ ISA Toronto Classic Golf Tournament September 28, Banty's Roost
- ◆ ISA EXPO 2007 October 2-4, Reliant Center, Houston, TX

SUMMER 2007

Website: www.isatoronto.org Email: office@isatoronto.org L.SaLemi

Message from the President - Glen Doole



It is with great honour that I assume the role of President of the ISA Toronto Section. I have been a member for 19 years and am glad to have finally accepted some responsibility. I am very fortunate to be following the likes of Reynold Ramdial and Doug Norton as past-presidents. These two gentlemen along with a couple of other long time committee members kept the

section afloat during some of the most turbulent and stormy years any section could face.

One of my goals as this year's president is to keep the momentum going and continue with the level of success my predecessors have worked hard to establish over the past few years. I just hope that I was paying attention and time will tell if I learned from their knowledge and wisdom.

During our summer planning meeting held on Saturday June 9th we established a set of goals that we would like to implement for the upcoming year. Yes these will happen during my watch but in no way can I take credit for them as planning for these events and products have been in the works throughout the past season.

The following is a summary of what the Toronto Section will be doing this year so make sure to mark your calendar and make an effort to come out and join us.

Monthly Dinner Meetings - Our monthly dinner meetings will resume on **September 27** and so far we have speakers booked right up until March. Hopefully by the time you read this we will have booked a full slate of speakers for the whole year.

One of the goals we set for our dinner meetings is to increase our average attendance from 30 people per meeting to 35 (or more), so I encourage you to invite a colleague or friend to one of the meetings, and, don't forget to spread the word *'it's the last Thursday of each month'*.

If you have any suggestions for future meetings please feel free to contact our programs chair, Raj Bhathal, at programs@isatoronto.com

ISA Toronto Classic Golf Tournament - On Friday, **September 28th** we are having a golf tournament, so grab a hold of a few friends or colleagues and make a round of it. More details can be found on our website at www.isatoronto.com and if you would like to book a spot contact Ron Poirier at office@isatoronto.com but hurry there's a limited number of spots available.

Guide to Automation Technology (a.k.a Instrumentation Directory) - After 4 years of dead-band we have resurrected our directory once more. Scheduled to be re-released at the end of **October** the guide will feature a comprehensive list of companies and resources relating to Instrumentation & Automation. We'll let you know when it's ready and how you can get your own personal copy.

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Presidents Message - Continued from page 1

Education & Training - After a successful start in re-launching our training courses last year the Education Committee (chaired by Len Klochek this year) will continue to build on last years course offerings. In **October** we added 2 new courses PLC Basic and PLC Advanced as well as running Loop Tuning 1 and Basic Instrumentation 1 for a second year.

Once again, we will be working with the colleges and many thanks to Len Klochek and Leo Salemi for arranging to have Seneca and George Brown College donate their lab space so we can run these courses. Visit our website for course details and updates or you can email us at education@isatoronto.com.

Exhibits & Technical Seminars - After a successful show last May, planning is already in the works to run a major show and technical seminars some time **next year**. The plan is to host the show in partnership with other Instrumentation & Automation organizations & societies so stay tuned and we'll keep you posted as soon as we set the date & venue, if you have any suggestions for a seminar topic contact Gordon Chen at exhibits@isatoronto.com.

In the Loop Newsletter - I wish to extend a personal note of thanks to Leo Salemi for resurrecting the printed version of our **quarterly** newsletter, and to Reynold Ramdial for taking care of the printing and mailing of each issue.

We plan to continue with the printed version and mailing it out on a quarterly basis as well as posting it on our website. We would also like to invite all members to supply or recommend technical papers that can be published in our newsletter and posted on our website. Contact Leo at editor@isatoronto.com to submit your articles.

Website - We are very proud of our website and will continue to use it along with monthly email updates to keep you posted on section events, so make a note to visit www.isatoronto.com on a regular basis.

Remember the ISA Toronto Section is here to bring value to the local Instrumentation & Automation community - that means you! So help us help you, come out to our events, learn from and share your knowledge with your peers, and don't be afraid to participate on our committee's.

Hope to see you at our next dinner meeting and have an awesome day.

Glen Doole
 President, 2007/9
 ISA Toronto Section

What's in a Name

The pendulum of change is swinging once more as our ISA leaders introduced a motion to change the ISA name to read **ISA - International Society for Automation**. The vote to adopt the name change will be held this October at the Presidents Fall Meeting in Houston, so you still have time to provide some feedback. But first, some background information so you get a feel for the changes that have been made to date.

Founded in 1945, ISA was formed from a handful of independent instrument societies and named the **Instrument Society of America**.

As ISA's scope grew beyond 'just instruments' and the fact they were forming strategic alliances with other organizations in the manufacturing and industrial sectors, the pressure was on to change the name to reflect the new reality.



So in the year 2000 the ISA Council of Delegates approved to change the legal name to

ISA - The Instrumentation , Systems, and Automation Society.



But did the long awkward sounding name reflect what ISA really was? If the steady year-to-year decline in membership was any indication then many people would have said no. So in an effort to reach out and draw more members, ISA launched a branding campaign to create a new image that more people would relate to. The result was the familiar tag line you see along side the ISA logo.

Setting the Standard for Automation™

Then in January 2005, 60 years after the merging of a handful of instrument societies, ISA had come full circle and formed an umbrella organization called the **Automation Federation** consisting of OMAC, WBF and WINA as charter members. The mission of the **AF** is to coordinate the work of its member organizations engaged in the advancement of the science and engineering of automation technologies and applications.

Seeing that ISA was the founding sponsor of the Automation Federation it is only fitting that it assumes a name which reflects this new alliance - so the motion is now on the table to rename the ISA to the **International Society for Automation**

Tell us what you think and we'll send your feedback to our Society Delegate who will be voting on the name change this October. Send your comments to editor@isatoronto.com

Leo Salemi, Editor

EDUCATION & TRAINING

Course offerings for Fall 2007

NEW **PLC - Fundamentals** (Oct. 22,23)

This course is intended to provide the attendee with a practical up-to-date understanding of how and where PLCs are being used in today's world of Automation Technology.

Taught by Jeremy Pollard, a recognized expert in the field, you will be given a need-to-know approach on the operation of PLCs. Upon completion of this 2 day course you will gain a good foundation of how they are programmed, where and when they are used, and gain a better understanding of the terminology to better help you communicate with other professionals in the field

NEW **PLC - Advanced (IEC-61131-3 Standard)** (Oct. 24,25)

Traditionally most PLC systems were programmed using Ladder Logic, but as the processing power of the PLC grew to handle more complex control functions (Analog, PID, Logic Arrays, etc.), programming with Ladder Logic alone became either too complex or not possible at all. The IEC-61131 Standard was developed to address these issues and as a result five programming languages are currently available for programming the modern day PLC.

The intent of this 2 day course is to bring you up to speed with the generic programming standard. Taught by Currie Gardner, an Automation Technology expert, you will be given a practical approach on how to utilize the special features of the IEC-61131 standard for programming, troubleshooting or maintaining a PLC system.

PID Loop Tuning 1 (Oct. 26,27)

Loop Tuning I is designed to expose instrumentation professionals to modern loop tuning techniques. These techniques are based on current control engineering principles. They provide robust controller response in continuously varying process conditions and are effective at reducing process variability. The methods are demonstrated on a simulator during lab exercises and reinforced with numerous classroom examples.

Basic Instrumentation 1 - TBA

Basic Instrumentation 2 - TBA

(details will be posted on the website as soon as the dates are set)

Full course listings and registration information can be found on our website at www.isatoronto.com > Education & Training

Class sizes are limited to 12 people so reserve your spot early. We can also customize the courses for in-house delivery contact the education committee at education@isatoronto.com for more details.

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ISA TORONTO SECTION 2007/8 Executive Committee

Section Officers

President - Glen Doole
President Elect - Currie Gardner
Vice President - Marvin Greenberg
Past President - Reynold Ramdail
Treasurer - Hank Rasanen
Secretary - Leo Salemi
Rules Advisor - Doug Norton

Standing Committees

Programs - Raj Bhathal
Education - Len Klochek
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Exhibits - Gordon Chen
Membership - Ron Poirier
Corporate Membership - Peter Mauti
Marketing - Louise Jones
Standards - Silivu Leon
Webmaster - Leo Salemi
Newsletter - Leo Salemi
Historian - Stan Weiss

Monthly Dinner Meetings

2007/8 Schedule

- Sep. 27 Liability, Safety & Productivity
- Oct. 25 The Wireless Plant
- Nov. 29 New Plant Maintenance Methodologies
- Dec. 27 Past Presidents Night & Awards Ceremony
- Jan. 31 RRSP & Financial Planning For Your Future
- Feb. 28 SCADA Systems
- Mar. 27 CT - Chlorine Retention
- Apr. 24 Open *
- May 29 Open *
- Jun 26 Open *

** If you have any suggestions for a topic or know of a good speaker drop us a line at programs@isatoronto.com **

Remember "the last Thursday of each month" and make sure to check our website for abstracts and meeting location.
www.isatoronto.com

The Toronto Section welcomes its newest members.

Michael Michez
Garth Marquardt
Mehdi Madani
Solomon Ko
Seymour Hersh
Nicholas Christian
Zhe Cui
AMIR Dehghani
Biju George
Haniso Gijimani
Gaurav Jarwani
Doris Kosch
Mathieu Lepage
Xuochen Liang
Ying Liu
Daniel C. Lucaci
Zhi Yuan Luo
Kivar A. Melecio
Mohammad Nakhai
Richard Odongkara
Mansooreh Omrani
Divyesh R. Patel
Stephen Penny
Yidong Shin
Zoya Shutova



ISA Toronto Section Fall Classic Golf Tournament

Friday, September 28, 2007

\$450 per Foursome or \$125 per Person

(Includes Golf, Cart & Steak Dinner)

To register or get more details contact Ron Poirier at Ronald.poirier@honeywell.com
Corporate sponsorships available, just ask Ron.

Banty's Roost 12600 Bramalea Rd. Caledon, ON. L7C 2P3