



Happy New Year!

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Upcoming Events

- ◆ LOOP TUNING 1 Training Course, Feb. 26,27 - Toronto
- ◆ Basic Instrumentation Training Course , Feb. 27, 28 - Toronto
- ◆ ISA Hamilton EXPO 2007, March 27 - Royal Botanical Gardens

Winter 2007

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

Toronto Section Corporate Community

The ISA Toronto Section wishes to invite you to join our **Corporate Community** and help us build a section that serves not only the individual ISA member but also the group of companies that form the backbone of our profession. Together we can work towards one common goal and all reap the benefits that the world of instrumentation and automation has to offer.

Your company can become a Corporate Citizen by:

- ◆ adding your name to our corporate section directory
- ◆ becoming a corporate employee sponsor
- ◆ supporting the section as corporate section sponsor

The **first step** in joining the community is by adding your company name, and web link to our website's **Corporate Section Directory**. All you have to do is email us the information and we'll add it to the list . Its that simple and its free.

Your email address will be added to our list server and will be used by the section to send you updates such as dinner meeting notices, show & exhibit info, training courses and other items that may be of interest to the community. The list server has an opt-out option if you ever decide to leave and the list will not be sold or given out to third parties.

A **second way** of becoming part of the community is to tell us how many of your people are ISA members. Many companies have encouraged their employees to join a technical organization such as ISA and some have even paid for the membership fee. The Toronto Sections wishes to recognize these companies and

and encourage others to do likewise by acknowledging them in our newsletter, emails, website and dinner meetings.

All you have to do is email us your company name, a logo and website link, the names of the members and we will add this to our **Corporate Employee Sponsor** page on our website. The more you have the higher you go and its free.

Another way to join is by becoming a **Corporate Section Sponsor**. Like any corporation, non-profit organizations like the Toronto Section require revenue to operate. As a corporate section sponsor your company will be supporting the section through contributions based on the level of support you wish to contribute. (Gold \$750, Silver \$500, Bronze \$250)

In return your company will receive discounts (up to 25%) and privileges based on your level of support, such as:

- ◆ Discounts on advertising in our newsletters and directory
- ◆ Discounts on training courses and seminars
- ◆ Discounts on booth space (only section run shows)
- ◆ Recognition on our website and newsletters
- ◆ Use of the Corporate Section Sponsor logo
- ◆ Participation on our show and programs committee
- ◆ Providing speakers for meetings and seminars

Full details on the **Toronto Section Corporate Community** can be found on our website www.isatoronto.org and all requests can be emailed to office@isatoronto.org.

Seneca

4 Year Bachelor of Applied Technology Degree

CONTROL SYSTEMS TECHNOLOGY

Starting in Fall07 this degree program is designed for students interested in a career in modern electronics technology. Graduates will be prepared to enter the emerging tele-control distributed systems industry from automotive electronics, wireless communications systems, networking, manufacturing mechatronics, to robotics, industrial automation, process control and instrumentation and will be able to apply the knowledge and skills learned in the program to be an effective member of a cross functional technology team.

<http://www.senecac.on.ca/fulltime/CST.html>

Take Forgetting Out of the Equation.

Choose the Automatic Renewal Option Today!



Forgot to renew your ISA membership?
Never forget again, sign up for Automatic Membership Renewals and we'll renew your membership automatically.

- No detailed forms to fill out.
- No break in your *InTech* subscription.
- Take advantage of this convenient benefit today.

ISA—The Instrumentation, Systems, and Automation Society 

Choose the Automatic Renewal Option on the application or renewal form at www.isa.org or call ISA at 919 549-8411.

ISA Toronto welcomes its newest members

Peter Veselovsky
Andrew Kooiman
Dinesh Kandiah
Allan Wong
Thomas Fekete
Mikalai Bratkouski
Andy Rowe
David Sand
Bill Serjeantson
Robert Bonfils
Carlos Sanchez

*Membership has its benefits
join or renew now!*

Starting January 2007 members will have full access to all the ISA Standards. You can now download all ISA Standards and its Free!



2006-2007

Executive Committee

Section Officers

President—Reynold Ramdial
President Elect—Glen Doole
Vice President—Currie Gardner
Treasurer—Doug Norton
Secretary—Henry Rasanen
Rules Advisor—Leo Salemi
Delegate—Phil Salemi
Past President—Doug Norton

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Programs—Glen Doole
Directory—Louise Jones
Exhibits—Louise Jones
Membership—Peter Mauti
Standards—Doug Norton
Webmaster—Leo Salemi
Newsletter Editor—Leo Salemi
Historian—Stan Weiss
Honors&Awards—Hank Rasanen
Student Liaison—Len Klochek

Professional Development

If you have 5 years work experience chances are what you learned in school is no longer related to what you are doing now, if you have 10 years experience then it's highly probable that what you learned in school is no longer in use today. Staying current is difficult - you just can't drop everything and go back to school! But you know things are changing very fast - and you just can't sit around and do nothing! ISA offers some solutions.

Certification

Set a goal for yourself, become certified in an area that relates to what you are doing now or where you want to be in the future. During the process of obtaining your certification you will acquire the theoretical knowledge that will keep you current and in the end you will have something for your efforts - recognition.

ISA offers several certification programs:

- CCST** - Certified Control Systems Technician
- CAP** - Certified Automation Professional
- CIMM** - Certified Industrial Maintenance Mechanics
- CSE** - Control Systems Engineers

ISA also has a vast resource of information in the way of study guides, books, on-line courses and instructor led training programs. For more details visit www.isa.org and click the Certification link.

ISA Training Programs

Perhaps your needs may be more specific in one area of technology. ISA training courses cover a broad range of fields such as Batch Manufacturing, Process Automation & Control, Systems Integration, Security, Safety and many more. These courses are delivered at ISA's regional training centers, through onsite training programs at your company, or via distance education.

A full listing of courses and details can be found by clicking on the Education and Training link at www.isa.org.

Section Sponsored Courses

The Toronto Section offers tailor made solutions in the way of local training programs. One of our more popular courses is PID Loop Tuning taught by Sylvain Millette, this 2 day course is held at the Seneca College Automation Lab and provides a practical hands-on approach to learning. Class sizes are limited to 12 people and are well below the list price charged by other of training facilitators.

Many individuals and companies have taken advantage of our programs which can be tailor made to fit your learning needs. We offer a wide range of solutions from Basic Instrumentation to more advanced topics like IEC61131-3. Our training can be delivered to your front door or we can utilize the facilities graciously offered by some of the community colleges in our area.

Prices are very competitive and we usually require a minimum of 6 people to run a course. PDH (Professional Development Hours) are awarded to the attendees and can be used towards maintaining your ISA certification status.

Tell us your needs and we will deliver the solution. Course dates are listed on the right and detailed information can be found on our website www.isatoronto.org or by email to office@isatoronto.org

2007 Training Course Schedule

Feb. 26, 27 PID Loop Tuning

Feb. 27, 28 Basic Instrumentation

Feb. 28, 01 61131-3 PLC Programming

Courses are 2 days in length and are priced at \$350 (members) & \$495 (non-members)

*Seating is limited, reserve your spot now by emailing us at office@isatoronto.org
See full course details on our website www.isatoronto.org > Education & Training*

MILLETTE Control Engineering

Specializing in System
Integration and Training for the
Process Control Community

Startup & Commissioning
PID Loop Tuning
Loop Audits & Optimization
Specialized Training
In-House or Classroom

Sylvain Millette P.Eng
millettecontrol@netscape.ca
Phone: (416) 452-9994

SEEKING EQUIPMENT DONATIONS

The section is looking for new or old equipment to be used in our training courses. If you have any demo units or instruments lying around collecting dust let us know and we will put it to good use. Note, some donations can be claimed as tax write-off\$ and all donators will be recognized as **Corporate Section Sponsors**. (email to: office@isatoronto.org)

Controllers	RTD's	Transducers	Sensors
Transmitters	PLC's	Smart Devices	Recorders
Thermocouples	PC's	Small Valves	Software

Monthly Dinner Meetings

The Toronto Section is pleased to present the monthly dinner meetings for the new year.

2007 Meeting Schedule

- | | |
|--------------------|---|
| January 25 | Applying IT Security to Industrial Automation*
George Caetano, Rockwell Automation |
| February | Cyber Vulnerabilities & Security - Ottawa |
| February 22 | New Ontario Confined Space Regulations
Mike Holterman, BW Technology |
| March 29 | Update on Field Bus Technologies
Speaker TBA |
| April 26 | FTD - Field Device Tools
Kevin Martyn, Magnetrol |

For more details goto www.isatoronto.org > Dinner Meetings to RSVP or get more info, email us at office@isatoronto.org

How Things Work

- ◆ The meetings are usually on the last Thursday of the month.
- ◆ They are held at the Park Plaza Hotel in Mississauga (unless otherwise indicated)
- ◆ We observe the Sank-a-Set tradition established by our Francophone brothers in Quebec. (we meet between 5 - 7 pm, mingle, drink and then have dinner)
- ◆ After that the speaker gives the presentation and we are usually finished before 9 pm.
- ◆ The cost which includes dinner is \$5 Students, \$10 ISA members, \$15 OSPE & WEAO members, and \$20 all others.
- ◆ No charge to attend the presentation only.

Full details at www.isatoronto.org and don't forget to **RSVP** at office@isatoronto.org

Let us know if you ...

Got a topic you want presented or are interested in presenting one yourself. Send your feedback to: office@isatoronto.org

* **January's** presentation will discuss the current state of security vulnerabilities that exist in many typical control systems. George will discuss the fundamental components that need attention when talking about the security of control systems, i.e. > Networks > Devices > Applications. He will explain a typical system that exists in the field today and examine the potential issues and how these can be changed to ensure they function from a security perspective.



Glen Doole introducing guest speaker Kevin Martyn



Reynold Ramdial welcoming new section member