

ISA STANDARDS AND PRACTICES COMMITTEE

Members that wish to contribute their knowledge and expertise by reviewing draft standards should send an e-mail stating so to:

jim.lukenda@bayerpolymers.com

(F.Y.I., these standards are generally issued at a rate of no greater than one per month.

ANNOUNCEMENT

Vendors are invited to display their products at the Dinner Meetings. 2 tables are available.

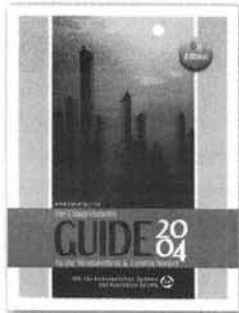
Contact Program Committee Paul Strong or Brian Patterson. Cost \$50 + GST per table.

 **2004 Directory**

STILL AVAILABLE!

The 2004 Sarnia ISA Directory is now available.

Call... Kevin
(519) 333-6705
for details.



The Sarnia Section has a domain on the internet. Next time you're on the net give us a look at:

www.isasarnia.com

DINNER MEETING NOTICE



MONDAY

November 29, 2004

SARNIA GOLF & CURLING CLUB

500 Errol Road West, Sarnia

Phone: (519) 336-2201

Cocktails 6:00 p.m. – Dinner 7:00 p.m.

All Guests are Welcome!



GUEST SPEAKER...

STEVE BATSON

Topic... "Variable Frequency Drives"

M ▶ E ▶ N ▶ U

CREAM OF BROCCOLI WITH CHEDDAR SOUP

HONEY GLAZED HAM

SCALLOPED POTATO & FRESH VEGETABLE MEDLEY

LEMON MOUSSE CAKE

* For special dietary needs contact Hilda White

at the Sarnia Golf and Curling Club 48 hours prior to meeting date.

NOTE: KINDLY BOOK BEFORE DEADLINE INDICATION.

Please phone in or E-Mail your reservation by...

Thursday, November 25, 2004 to... **MAUREEN LYNAS**

Phone: (519) 336-3006 • Fax: 344-0607

E-Mail: maureen.lynas@willereng.com

New Member Benefit!

MEMBERS \$10 ▶ GUESTS \$20

NOTE: ALL Members and guest are requested to reserve in advance.
Please oblige... we need your support to plan your evening!



Upcoming Events

- ▶ January 31, 2005 - Dinner Meeting
- ▶ February 22, 2005 - ISA Show
- ▶ June 10, 2005 - ISA Golf Tournament



ISA E-Mail Updates

What products and services would you like to receive information e-mails about?

There are over 60 e-mail groups that you can select from at www.isa.org

Go to Members and Leaders> My ISA> My Privacy Options

You choose which ISA products and services you want to receive updates on!



Guest Speaker Abstract

STEVE BATSON: Variable Frequency Drives

Steve has been in the automation field for 19 years. The last 11 have been focused strictly on drives. Steve graduated from Fanshawe College from Control Systems Engineering Technology and has worked for 8 years as the Systems department manager handling all automation products. He has then worked for two manufactures in the automation business. The most recent of which is in the capacity of Area Manager for Rockwell Automation focus on Medium and Low voltage drives cover 115 VAC to 6900 VAC drives.



Coming in February 2005

A Series of three pre-recorded Industrial Ethernet Seminars will be presented at Lambton College by your ISA Sarnia Education Committee.

Part 1. Understanding Ethernet Cabling and Hardware

Part 2. Is Ethernet Ready for the Plant Floor?

Part 3. Designing Industrial Ethernet Networks

Following each session, a brief Q & A period will be handled by Kalpen Vaccharajani

For more information or to pre-register for these seminars, please contact;
 Brian Davidson, Education Chair (519-337-7416)
 Ken Armitage, Assistant Education Chair (519-336-3453)



Sarnia Section ISA Dinner Meeting



ISA Membership Application

- JOIN ONLINE TODAY AT www.isa.org OR,**
- MAIL** this form to: ISA, PO Box 3561, Durham, NC 27702-3561, USA **OR,**
- FAX** to (919) 549-8288 (credit card required) **OR,**
- CALL** ISA Member & Customer Services at (919) 549-8411

ISA is the international society for measurement and control®

Sponsor Name:

Sponsor Member No.:



President's Message

Greetings to all!

We now have an approved budget for this year, which includes a show, golf tournament, dinner meetings, reference manual and more. The Sarnia Section is in a very strong financial position, which allows us to provide these member benefits. The services provided result from the hard work of many volunteers who value what ISA membership has to offer. So please take advantage of all the benefits of membership that are of value to you. The Sarnia Section is very grateful for the financial support of many companies and individuals who participate in our activities such as the show, reference manual and golf tournament. Without this support our section would not have the financial resources it enjoys.

I attended the ISA Presidents Fall meeting in Houston on October 2 to 4th. The council of Society

Delegates voted to accept a bylaws amendment to modify one of the criteria for Fellow Member. A Fellow Member does not need to have been a Senior Member for at least five years. The other criteria remain the same. The society officers who begin their term on January 1, 2005 were elected. The membership fees for 2005 will remain at US\$85. A note to students that will be graduating: You may upgrade to a regular Member for US\$10 for one year after graduation. The Sarnia Section was given honourable mention as a small section for its Section Performance Award submission. We have a strong and well managed section that we can all be proud of.

The next ISA Show will be February 22, 2005. Please contact Don Mitchell if you would like to participate or help on the committee. Please plan to attend.

Kalpen Vachharajani is organizing an ISA meeting in London to serve our members there and hopefully expand membership. If you live in London or surrounding area please support this activity by attending the dinner meetings and technical presentations.

Please let me know if you have any questions or how I can help you take full advantage of your ISA membership.

Best Regards,

Brian Smith

ISA Sarnia Section President

smithb@novachem.com



Executive 2004-2005

Position	Incumbent	Phone	Fax	E-Mail
President	Brian Smith	332-1212 x7920	339-7301	smithb@novachem.com
Vice-President, Science Fair, Engineering Week, Donations	Don Murch	431-1916	431-1108	murchfam@sympatico.ca
Past President, Society Delegate	Don Murch	431-1916	431-1108	murchfam@sympatico.ca
Treasurer	Mike Grey	542-7751 x3308	542-6667	mike.grey@lambton.on.ca
Executive Assistant	Steven Webster	(519)641-8953	(519)641-0081	steven.webster@rogers.com
Assistant Treasurer	TBA			
Reference Manual Chairperson	Randy Dennie	337-8252 x5871	work:339-7723 home: 542-0179	rdennie@sympatico.ca
Reference Manual Assistant	Jim Knight	337-3200	337-7068	Jim.knight@summitcontrols.com
Newsletter Editor	Kevin Noon	333-6705	332-6640	Kevin.noon@lakesidecontrols.com
Newsletter Editor Assistant	Greg Moon	333-6709	332-6640	greg.moon@lakesidecontrols.com
Web Master, Internet/Electronic Communications	Kalpen Vachharajani	332-1717 x237	332-8715	vachharajani@paton.org
Program Chairperson	Paul Strong	431-1271	431-1108	
Program Assistant	Brian Patterson	337-7591	336-0997	bpatterson@peacock.ca
Honors & Awards Chairperson	Dipak Patki	332-0160	344-1186	patki.dipak@colteng.com
Honors & Awards Assistant	TBA			
Membership & Marketing Chairperson	James Callery	337-2301 x3518	383-1736	jcallery@suncor.com
Membership & Marketing Assistant	Jeff Talbot	336-4482		jtalbot@cbeng.com
Student Section Liaison	Mike Grey	542-7751 x3308	542-6667	mike.grey@lambton.on.ca
Standards & Practices Chairperson	Glen Fournier	331-0433	336-8975	glen.fournier@ca.endress.com
Standards & Practices Assistant	Jim Lukenda	337-8251 x4687	339-7723	Jim.lukenda.b@bayer.com
Education Chairperson	Brian Davidson	337-7416	336-0998	davidsonb@romatec.com
Education Assistant	Ken Armitage	336-3453	336-1537	ken.armitage@huron.swagelok.com
Section Historian	Mike Murray	383-1709	339-0481	mmurray@suncor.com
Assistant Historian	Jim Knight	337-3200	337-7068	Jim.knight@summitcontrols.com
Show Chairperson	Don Mitchell	336-3453	336-1537	donald.mitchell@huron.swagelok.com
Assistant Show Chairperson	TBA			
Golf Chairperson	Roman Norejko	339-4291	339-4649	rpnorejko@dow.com
Assistant Golf Chairperson	Gary Coles	337-0777	337-4445	gcoles@mvfltd.com
District Vice President	Randy Dennie	337-8252 x5871	work:339-7723 home: 542-0179	rdennie@sympatico.ca
District Vice President Elect	Bob Popek	(416) 548-4204	(416)548-4269	bob_popek@dofasco.ca
Dist 13 Admin. at RTP	Dalton Wilson	919-990-9280	919-549-8288	dwilson@isa.org



Forward

We would like to present the literary works of Howard Hobbs, under the heading he used, *Written On A Roll Chart*, when he was editor of the *Sarnia Section Bulletin* in the 1950s. Senior members may well remember these articles, after reading Howard's works, and finding them both entertaining and timeless, we have decided to publish a select few for our current members.

These works were generated at the time when Howard worked in the instrument maintenance department at Dow Chemical in Sarnia. It is amazing how many of the situations of the work still hold true today!

Enjoy.

I know that our readers will all agree that we find instrument work very interesting, and that a very good instrument man takes pride in solving each problem as it arises, and in compelling the reluctant instrument to do its duty.

A little reluctance is all right, whether it be in instruments, or in women, and tends to add pleasure to the ultimate conquest. Once in a while, however, we may come across a control system so ill-conceived, or an instrument so inadequate, that success is always beyond the horizon, and repeated failure only frustrates us, and we lose what shreds of reputation we may have with the uniformed, but (alas) powerful process men.

A case of this kind came to my notice last week when I saw in our shop a small control valve which had all the marks of long service and hard usage. One of our mechanics, who, I fear, does not possess the self-control so desirable in our work, stood near it muttering obscenities.

Me. Just a moment here. Why are you in such a bad humour?

He. Why? We have had this valve in here for repair nine times in the last seven months and I am growing sick at the sight of it.

Me. I am amazed! It is only a one-inch pilot operated steam-reducing valve. It was bought to work and it should work. You must be doing something wrong.

He. (Through clenched teeth) Each time I have examined the springs and sealing diaphragms and found them faultless. I have cleaned and polished the pilot piston to a mirror like finish. I have restored both plug and seat to good condition. I have cleaned all passages and renewed any doubtful gaskets. I have, furthermore, tested it on the bench as an air reducing valve and it works fine. Any suggestions?

Me. You seem to have covered everything. Why do you think it doesn't work?

He. I've got lots of theories, such as too much superheat in the steam, too much condensate, or too great a pressure drop, but nothing that helps to make it work as we want it to. It is supposed to control steam to a building heating system and the way it works, the tenants either freeze to death or the relief valve blows constantly. No happy medium.

Me. Could not this be controlled by an ordinary diaphragm valve, properly sized, and with a suitable return spring to balance the downstream pressure if it were piped back to the diaphragm?

He. Certainly, but such a valve costs a little more, and so we will spend more for maintenance than a good valve is worth in an effort to make this mechanical miscarriage work. Whoever bought this must be a low grade idiot, or a relative by marriage of an instrument salesman.

Me. You are getting bitter now. Did you put all those marks on the victim?

He. No. In the early days, a hammer blow would make it throttle for a while, so these scars were caused by maddened process men. Enough of this, however. I must get it overhauled and out again for we have another on to work on this afternoon.

Well, I don't see much future for an instrument man who takes such a defeatist attitude. If it was bought to work, it should work, even if the Purchasing Department does do their shopping at Kresge's.

From the ISA Sarnia Section Bulletin - October 1952