

## March 2006 Update

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### 1 - EXPO 2006 - Be Sure to Join Us on March 21<sup>st</sup>

INSTRUMENTATION & PROCESS TECHNOLOGY - EXHIBITION & CONFERENCE

#### **Make your Plans and be sure to join us on for ISA Hamilton EXPO 2006**

Tuesday - March 21, 2006 from 9:00 AM to 5:00 PM. Admission is free to all.

#### **Venue: Royal Botanical Gardens - 680 Plains Roads West, Burlington, Ontario**

This year, our keynote address (9:00 AM) will be delivered by Mr. Gaetan Cloutier of SMAR who will provide a presentation covering Fieldbus as a Safety Network. In addition, there will be four technical seminars delivered throughout the day:

- 10:30 AM - Lightning and Surges - Gods Gift to Maintenance Suppliers
- 1:00 PM - New Generation of Safety Systems
- 2:00 PM - Latest Advances in Non-Invasive Transit-Time Flow Metering Technology
- 3:00 PM - Optical Scintillation Flow Monitor

And of course.... over 50 exhibits which will provide the state-of-the art in Instrumentation and Process Automation technologies.

**EXPO 2006 is a "must see" event** for Automation Professionals, Engineers, Operations, Maintenance, Purchasing and Educators who are involved with instrumentation and process control solutions. A wide variety of products and services will be exhibited including Instrumentation, Control Systems (PLC, DCS, Hybrid, Safety & more), Analytical, Environmental, Calibration & Test Equipment, Atmospheric, Fluid Handling, Industrial Software Solutions (HMI, Asset Monitoring, Engineering, etc.), Sensors, Valves, Actuators and Drives.

**EXPO 2006 is an ideal venue** for meeting suppliers, manufacturers, and distributors. Bring your colleagues and associates, share your ideas, discuss problems and difficult applications, and network with your peers in the automation industry. Do not miss this opportunity to visit the region's only local exhibition of Instrumentation, Measurement and Control technology; all in a 1-Day event. Free admission, plenty of free parking, lunch and a door prize draw are all part of the plans for **ISA Hamilton EXPO 2006**.

For more information, visit our website at [www.isahamilton.com](http://www.isahamilton.com).

For suppliers, vendors, and distributors: If you haven't already confirmed your exhibit space, this is your very last chance... please contact [Alice Kelly](#) for information on how your organization can attend and exhibit at **ISA Hamilton - EXPO 2006**.

### 2 - Preparing for the Certified Automation Professional Program - ½ Day Seminar

Date: **Wednesday - April 19th, 2006**

Time: **9:00 AM - 1:00 PM**

Venue: **ABB Inc. - Canada Room (3450 Harvester Road, Burlington, Ontario)**

As a way to help ISA Sections prepare their Members for the **Certified Automation Professional (CAP)** program, the ISA Training Institute has prepared a special ½ day seminar overviewing the program and the exam. This ½ Day Seminar will cover **CAP basics**, the objectives & benefits, a review of the exam's characteristics, as well as several technical areas such as... Basic continuous control, Basic discrete automation, Sequencing and machinery control, Advanced control, Reliability, Safety, Electrical, Integration, Software, Deployment, Maintenance, and Work structure. This review seminar will be held in a relaxed and comfortable environment, and is intended to prepare those individuals who are seeking their **Certified Automation Professional status**. For additional information and to find out how you can participate and attend this ½ Day CAP program

seminar... Contact Berny Portolesi (our Education Committee Chairman) via e-mail at [bernyjr@cogeco.ca](mailto:bernyjr@cogeco.ca).

### **3 - Plant Tour for our Meeting on April 25<sup>th</sup>**

Date: Tuesday - April 25, 2006

Time: 6:00 PM - Meeting, Plant Tour & Presentation

Venue: AOC RESINS AND COATINGS - 38 ROYAL ROAD, GUELPH, ONTARIO

Reserve your space for dinner and confirm your attendance via:

- Submitting the online Attendance Confirmation form -or-
- E-Mail message to Jack Vincent ([jack.a.vincent@rogers.com](mailto:jack.a.vincent@rogers.com)) -or-
- Telefax sent to the attention of Jack Vincent - (905) 569-6244 -or-
- Telephone Jack Vincent - (519)770-5075

Contact Ron Rigby at (519) 823-4367 or at [rrigby@aoc-resins.com](mailto:rrigby@aoc-resins.com) with any questions or comments that you might have concerning this "Plant Tour" meeting.

#### **PLANT TOUR NOTES:**

- PARK IN FRONT OF THE PLANT AND USE THE OFFICE DOOR TOWARD THE FLAGS.
- THE PLANT TOUR WILL TAKE ABOUT 3/4 HOUR
- PLEASE WEAR CLOSED TOE SHOES
- HARD HATS AND SAFETY GLASSES WILL BE PROVIDED
- THE PRODUCTION AREA DOES HAVE A SLIGHT SMELL OF SOLVENT  
(LIKE THAT OF MODEL AIRPLANE GLUE)
- CAMERAS, CELL PHONES OR PAGERS ARE NOT ALLOWED IN THE PLANT

Speaker: **Ron Rigby**, Process Engineer for **AOC RESINS AND COATING INC.**, has over 20 years experience working in the process control industry. Ron started out designing tar sands surface facilities in Alberta before moving into plant mechanical projects and maintenance work at an integrated pulp, vanillin, alcohol and salt cake facility in Ontario. He is now overseeing the replacement and expansion of the Distributed Control System (DCS) at AOC. Ron is responsible for capital projects, process control and process engineering, and holds a BAsC degree from University of Windsor and CET from Niagara College.

Abstract: **AOC RESINS AND COATING INC.** (Guelph, Ontario) is the most diversified facility of the 6 sites within AOC. Originally built 30 years ago by Owens Corning the plant was purchased by TAC in 1994. The parent company of AOC is The Alpha Corporation (TAC) of Tennessee. Before the open markets of today, the Guelph site provided a small tonnage of the full range of unsaturated polyester resin products for the fiberglass industry in Canada. Today this chemical plant's products are sold worldwide. The facility is undergoing three significant process control changes. The existing DCS is to be replaced/upgraded in mid 2006. The new system will be expanded into the manually operated blending areas of the plant using fieldbus technologies. As well a third polyester reactor is being added which will increase resin output capacity by 2/3 rds. The challenge is, how a small, thinly staffed factory makes the most use of today's powerful computer technology.

### **4 - Golf Tournament - Looking Ahead to May 26<sup>th</sup>**

5th Annual - ISA Hamilton Section GOLF TOURNAMENT

Date: Friday - May 26<sup>th</sup>, 2006

Venue: CHIPPEWA GOLF CLUB - Highway 6 South to Chippewa Road in Mount Hope

Format: **Shotgun Start at 10:30 AM**

4-Person Team - Scramble Format (Individual or Team entries accepted)

Price: **\$ 95.00 per person**

The per-person price also includes: Golf Cart, Prize and Steak Dinner & full buffet including salads, fruit & desserts.

#### **Corporate Sponsorships are available at a cost of:**

\$100.00 when purchased separately or...

\$ 70.00 as part of a corporate foursome package price at \$450.00

A corporate sponsorship includes your company logo/name on a sign posted at a designated tee.

For an additional \$25 (\$475 total) you can take advantage of the **ISA Hamilton Web Site Advertising Special** which includes a 1-year advertising and marketing promotion where your company logo and a link to your company/organization will be prominently displayed on our web site.

Please feel free to download the [information package \(85 kbytes - PDF file\)](#) and/or refer to our web site ([www.isahamilton.com](http://www.isahamilton.com)) for additional details and up to date information for our Golf Tournament.

## **5 - ISA Hamilton - Annual General Meeting - May 30<sup>th</sup>**

As a volunteer organization we rely on our members and volunteers to develop and deliver the events and activities for our ISA Section and the local community of Instrumentation and Automation professionals. On May 30th, as part of our section's **Annual General Meeting**, we will confirm/elect the directors and committee chairpersons for our **2006/2007** season. If you're interested in a more active front-line role in the ISA Hamilton section and you'd like to assist in one of the many positions available in our various committees... **now is the time to let us know**. Please contact any one of the Executive Board members ([http://www.isahamilton.com/exec\\_board.html](http://www.isahamilton.com/exec_board.html)) and let us know how you'd like to become more active and involved in the ISA Hamilton Section.

## **6 - Your Subscription & Privacy**

We value your personal privacy and your right to choose what e-mail messages you receive. If you've received this message in error we apologize. If you would like to have your e-mail addresses 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.

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