

September 2006 Update

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1 - Membership Meeting - September 19th (Tomorrow)

Date: Tuesday - September 19, 2006

Time: 6:00 PM - Dinner (Cash Bar & Dinner)

Time: 7:00 PM - Technical Presentation

Venue: Pinetree Restaurant - 397 Centennial Parkway North - Hamilton

[Follow this link for a map and directions to the Pinetree Restaurant.](#)

Dinner cost is \$5 for ISA Members and \$15 for non-members.

Please be sure to confirm your dinner attendance!!

Reserve your space for dinner and confirm your attendance via:

- Submitting the online [Attendance Confirmation form](#) -or-
- E-Mail message to [Jack Vincent](#) -or -
- Telefax sent to the attention of Jack Vincent - (519) 304-0488 -or-
- Telephone Jack Vincent - (519) 304-0489

Subject: A New Way to Think about Control Loops:

A Strategy for Effective Plant-Wide Loop Performance Monitoring and Diagnostics.

Loop assessment, performance analysis and diagnostics have received considerable attention in recent years. Surveys have reported significant room for improvement in plant operations if an effective loop maintenance policy is adopted. One multi-industry loop audit survey reported that only about 32% of loops have acceptable or excellent performance. According to another survey, many industries are adopting some form of condition-based maintenance as a predictive maintenance policy. A strategy is presented to support effective predictive maintenance by using process diagnostics and performance analysis to focus maintenance resources on high-priority components with the greatest return on investment before they become intolerably faulty and chances for unscheduled shutdowns are high

Speaker: Dr. Alireza Haji-Valizadeh

Dr. Alireza Haji-Valizadeh received his BS degree in Electronics Engineering from the University of Tehran, Iran in 1987 and the MSc and PhD degrees in Systems and Control Engineering from Case Western Reserve University, Cleveland, Ohio in 1991 and 1995 respectively. He was an engineering manager with ControlSoft, Inc. from 1995 to 1996. From 1997 to 1999 he was a faculty member in Tarbiat Modares University and also an engineering manager in Saba Tahsili Inc., both in Teheran, Iran. Since 2000 he has been the technology development manager in ControlSoft, Inc. Highland Heights, OH. His current research interests include process automation, application of decision theory in integrating automation systems, optimization and scheduling techniques for water treatment and distribution systems, and process diagnostic techniques. Dr. Valizadeh is also a member of IEEE and ISA.

2 - Executive Board for the 2006/2007 Season

For those of you who may have missed our most recent Annual General Meeting (May 2006).... The new [Executive Board](#) for the ISA Hamilton Section formally assumed their new roles on July 1, 2006. For additional information on who to contact and how to get the information you need, be sure to visit the [Executive Board](#) web page, or use the [General Inquiry](#) form. We look forward to hearing from you and assisting you where and when we can.

3 - ISA Hamilton Web Site being Updated

We're in the process of giving our web site a bit of a facelift. For the latest and most up-to-date information on ISA and ISA Hamilton Section happenings and events.... Be sure to visit frequently. We invite your comments, feedback and suggestions. Help us make our web site better; a valued part of your membership in ISA and affiliation with the ISA Hamilton Section.

4 - 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 for the latest news and updated information.

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