



England Section

Setting the Standard for Automation

January Newsletter 2009

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with gratitude, the sponsorship of this
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PRESIDENT'S COMMENTS

Happy and a prosperous new year
The turn of the year is a time to reflect on the past and the future
In this message I have continued to be optimistic about our
industry, I still feel confident for 2009 despite the steady stream of
bad economic news.

Canvassing colleagues and members within the Instrument and
automation business over the last few months, I received a
suggestion of a of a slowing down in business activity; perhaps this
is inevitable given the rapid growth of our industry during the last
few years.

The shortage of skills within our industry has always been a hot
topic and I see it is still prevalent today in these uncertain economic
times.

We must preserve, improve the knowledge and proficiency of our
instrumentation and automation people.

I remember the previous recessions where groups of highly
experienced personnel were made surplus to requirements only to
be re appointed as consultants when it was realized their
expertise was essential.

A lesson from the past is If we were to loose our skilled people for
short term benefits we could loose them forever.

Moving away from matters economic The ISA will be at MTEC this
year the exhibition is being held at Birmingham NEC 25th and 26th
March, why not come along and meet the committee.

Finally we have to say goodbye to one our most enthusiastic ISA
committee members Gordon Childs.

Gordon has decided to retire after almost 16 years as a committee
member; he has held many posts over the years including Hon
secretary of the environmental section, Treasurer, Education Chair
and his present role as Secretariat.

I would like to thank Gordon on behalf of the committee and all
members past and present for all his dedicated service.

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Membership News

It is reported from the ISA that total ISA membership is once again increasing. Our very own District 12 membership has increased by a whopping 22%.

- In a rolling 12 month comparison, total membership is up 3.0%, reduced dues membership is up 15% and student membership is up 11% from same time last year.
- Over a 2 year period, it is worthy to note that D4 membership is up 83%, D12 membership is up 22%, D7 is up 18%, and D10 is up 15%.
- Quality Control exercise underway to assure that ISA Members are assigned to the correct (closest) Section. This corrective action is expected to enable the reactivation of Sections that are currently inactive because they do not have sufficient professional members to qualify as an active ISA Section. There is potential for an ISA Australia Section to emerge.
- The District Board is working to “clean up” the inactive Student Sections worldwide. 25 Student Sections charters will be revoked in Houston. These are groups that have been inactive since 2004. The goal is to establish a strong Student Section foundation where workforce development activity can take root.
- Two new companies have joined the Student Games to provide problems and equipment this year - Crestron and Phoenix Contact.
- Increased number of Division Newsletters and updates on Division Websites in 2008.



It has been an excellent year for the ISA and reinforces its position as the leading, global society for Automation professionals.

ISA England Section Supports MTEC 09 – Birmingham NEC March 25 – 26

Some of the biggest names in industrial networking will be ‘taking to the stage’ at the MTEC Sensors, Measurement & Instrumentation exhibition in March, as part of the show’s free education programme ‘Wireless Solutions For Automation’ on Wednesday 25 March.

Focusing on the progress towards a common wireless standard as well as wireless solutions being offered by the major names in the instrumentation and automation industry, speakers in the Industrial Networking Theatre are scheduled to include Gareth Johnston from ABB Instrumentation, Emerson Process Control’s Andy Wallace, Gary Wedge of Honeywell and Paul Taylor from Siemens, while the keynote address will be by given on behalf of ISA-England by Henk Van Der Bent of Yokogawa.

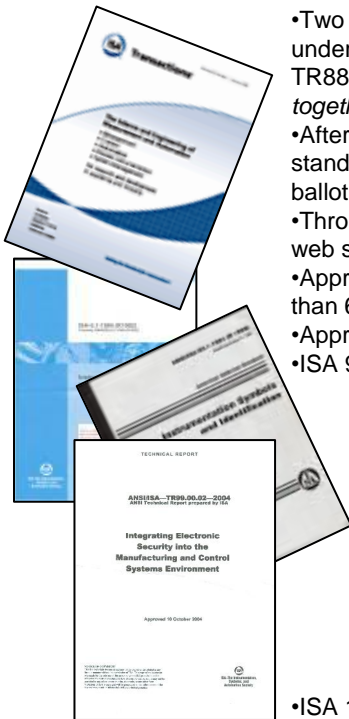
In addition, on Thursday 26 March, the theatre is also scheduled to host sessions by Andy Verwer – who will discuss Profinet, Profibus International’s industrial Ethernet-based automation architecture for factory and process automation – while the presentation by Peter Cheetham from the ASI-Interface Expert Alliance will look at the full aspects of Actuator Sensor Interface.



Standards News

2008 saw some significant standards work by the ISA, especially in the areas of cyber security and wireless technology. The fact that 50% of standards downloads are to the outside of North America illustrates the global nature of the society. Also 40% of downloads go to people who have been members of the ISA for less than 6 months, demonstrating the value of this membership benefit.

- The ISA Standards & Practices Board completed a major revision to update and clarify the ISA Standards & Practices Department Procedures.
- ISA-99.02.01, *Establishing an Industrial Automation and Control Systems Security Program*, passed committee ballot and is expected to be published in January 2009. This standard will be submitted to the International Electrotechnical Commission (IEC) for international approval.
- ISA-100.11a, *Wireless Systems for Industrial Automation: Process Control and Related Applications*, was issued for first committee ballot by ISA100. In addition, new ISA100 projects were established in Factory Automation, Wireless Security, Backhaul Networks, and Wireless Hart Convergence.
- ISA 100 held a meeting in Chongqing, China, in April, marking its first meeting outside of North America and reflecting its worldwide participation and interest.
- Two ISA88 technical reports were completed and published to help extend the understanding and application of the ISA88 batch standards across industry: ISA-TR88.00.05, *Machine and Unit States*, and ISA-TR88.95.01, *Using ISA -88 and ISA -95 together*.
- After evaluating a record 760 review comments from industry experts, the ISA 18 standards committee on Instrument Signals and Alarms issued draft ISA-18.2 committee ballot in November.
- Through the end of September, 34,599 ISA standards have been downloaded from the web site.
- Approximately 40% of the downloads go to individuals who have been members for less than 6 months.
- Approximately 50% of the downloads are to outside of North America.
- ISA 99 Industrial Cyber Security Standards:
 - ANSI/ISA-99.00.01-2007, *Security for Industrial Automation and Control Systems Part 1: Terminology, Concepts and Models*; and ANSI/ISA-TR99.00.01-2007, *Security Technologies for Industrial Automation and Controls System*, formally introduced into IEC TC65 for the IEC 62443 series of international standards.
 - Cyber Security issues and ISA-99 as a resource presented to U.S. Congress and federal government through significant emphasis in first Automation Federation Congressional Fly In.
 - Two key ISA99 documents published: ANSI/ISA-99.00.01-2007, *Security for Industrial Automation and Control Systems Part 1: Terminology, Concepts and Models*; and ANSI/ISA-TR99.00.01-2007, *Security Technologies for Industrial Automation and Controls Systems*.
- ISA 100 Wireless Standards:
 - First draft of ISA 100 standard issued for committee review, with final publication planned for late 2008.
 - Meeting in Chongqing, China, April 2008, marked first ISA 100 meeting in Asia.
 - ISA 100 seminar (February 2008) conducted following ARC conference; and in April 2008, Beijing, in collaboration with the U.S. Trade and Development Agency and the China Instrument and Control Society.
 - Development schedule approved for first ISA 100 standard, with publication planned for November 2008; preliminary draft issued for review in December 2007.
- ISA 95 Enterprise-Control System Integration:
 - Part 1 standard revision issued to ISA95 for committee ballot; the ISA 95 series is the basis for the IEC 62264 series of international standards.



Coming Events

MTEC Measurement and Instrumentation

March 25 – 26, 2009

Birmingham NEC

Technical Lecture – “Spectrometer-on-a-chip”

See how ‘Owlstone’ have used proven Field Asymmetric Ion Mobility Spectrometry (FAIMS) techniques to produce a tiny but powerful powerful gas detection device
April - (Exact Date & Venue to be confirmed)

Welcome to New Members

We are delighted to welcome the following new members to the ISA England Section

September

Andrew Cooper
David Phipps

October

Alan Blackwell
Paul Janney
Damian Michael McDuff
Sheridan Morris
John Patrick Nash
David William Nellist

November

Chris Barlow
Maria Jeffery
Paul Murray
Peter David Sanderson
Phillip Yaxley

December

Puya Afshar
Jai Ashok Chainani
Roy Freeland

ATTENTION!

We would like to be able to include letters from members in the Newsletter. If you would like to air an opinion on a particular topic relating to our industry sectors please send letter by email to the Newsletter Editor at :

editor@isa-england.org.uk



Anyone wishing to learn more about the ISA and the benefits it brings should contact either

Ian Parry, Membership Chair
or

Gordon Childs, Secretariat
Contact details given on front page



**England
Section**