

INCON

INCON: the newsletter of the Ireland Section of ISA.

INCOMING PRESIDENT'S ADDRESS TO AGM JUNE 2005



Kevin Dignam, President ISA
Ireland Section 2005/06

Fellow ISA members,

It is a great honour and privilege for me to be selected to serve you, the members of the ISA Ireland Section, as your 27th President. Due to the very hard work and commitment of previous committees, and especially the outgoing committee under the leadership of Martin Almond, the section has never been so strong, or so highly regarded within the ISA organisation and within the instrumentation and controls industry in Ireland. It will be an exciting and

challenging year ahead following in the footsteps of all 26 previous committees, hopefully maintaining and building on the very solid foundation that they have laid. It is a year I am personally looking forward to, confident in the knowledge and privilege that I have a very strong and committed team to provide all the back-up and assistance that this busy Section will require.

I would like to offer my and the committee's ongoing support to Billy Walsh as he continues to represent the District as DVP and in his capacity on the ISA Board. Billy's hard work and commitment to the ISA at all levels has helped to maintain the profile of the Ireland section at a high level both nationally and internationally.

I would also like to take this opportunity to thank the Past Presidents' committee for their behind the scenes work and commitment to the enhancement of the ISA Ireland Section. The Ireland Section will continue in the future to support this novel approach to maximising the collective experience of our Past Presidents and I am

very much looking forward to continuing the excellent working relationship I have with Martin in his role as chairperson of the Past President's Committee.

My main objective for the year ahead will be to continually promote the ISA Ireland section and I hereby give a commitment to all the members that both I and the committee will explore new methods and ventures to further strengthen the ISA Ireland section. In the coming year, we will introduce some new departures to offer new outlets and opportunities to the members and to offer them enhanced value for their membership. The founding and continuing values of the ISA are to maintain, increase and improve the benefits it offers and to achieve this we have set the following goals for this coming year:

- To improve the value of membership by offering ISA training to members. In order to commence this, we will investigate the suitability and promote the development and offering of the ISA Certified Control System Technician (CCST) examination in Ireland;
- By commencing to offer the CCST in Ireland, to prepare the ground for extending this service to offer the ISA Certified Automation Professional (CAP) examination in future years;

- To maintain the current growth of membership within the Ireland section and increase our membership base, by continuing to extend our boundaries by endeavouring to attract as members the automation and IT disciplines;
- To help further the aim of expanding our constituency into these disciplines we have recruited an IT specialist to serve on the committee;
- We will continue to develop and improve our interaction with the student sections in Cork & Sligo CITs & in FÁS and will target having a representative from one of the Ireland Student Sections on all future District 12 teams at the International Student Games;
- To modify our Tech Talk programme to include Career Talks which will offer advice and assistance to members through the medium of evening meetings similar to the current Tech Talks;
- To provide two social events in the annual calendar. The first of these will take place next autumn while the second will be a golf tournament to be held next spring;
- We will co-operate with the Leinster Section with a view to developing common events between the two

sections. I expect to have further news on this front later in the ISA year.

And of course we have our continuing goals which are:

- To build on the transfer of information to our membership, through our newsletter "Incon" and through our web site;
- Increase our profile nationally and internationally.

We are all aware of how difficult it is to maintain the present membership levels and how it is increasingly more difficult to encourage new members so it is all the more important for us to work together towards achieving the goals I have set for the incoming committee.

We are presently working on an exciting calendar of events, and the coming year will see:

- 6 Technical Talks;
- 2 Career Talks;
- 3 student talks;
- 2 Plant Tours;
- Annual Honours & Awards ceremony;
- Annual Exhibition;
- 5 Editions of our newsletter INCON;
- Hosting of 2 social events, including the golf tournament, as outlined previously;
- Attendance at the President's Fall Meeting in Chicago next October.

To the incoming committee, I would like to say that I feel we have a very strong team put together and I hope all of you will enjoy the year ahead and benefit from your participation in the ISA. Given the level of support and respect enjoyed by the Ireland Section, this goal will be easily achieved.

It would be remiss of me not to thank the outgoing president, Martin Almond, for his invaluable assistance in preparing me for my year ahead and again thank him and his team for the healthy state in which they have handed over the ISA Ireland section to our stewardship. Martin has put in tremendous work in the last year and his example sets a very high standard for us all to follow. I look forward to his continuing support and encouragement.

I must also take this opportunity to thank my employers, DPS Engineering and Construction Ltd, for their encouragement and ongoing support for my service on the committee and especially in my year as president.

Last but not least, I would like to thank you all for attending tonight's AGM. I hope you enjoy your summer holidays, and I look forward to seeing you all when we begin our 2005/2006 calendar of events in September.

Kevin Dignam
President, ISA Ireland Section
2005 – 2006

IRELAND SECTION AT THE PRESIDENT'S FALL MEETING CHICAGO 22-25TH OCTOBER 2005

The President's Fall Meeting is held each year. This year it took place in Chicago from October 22nd to 25th.

The PFM is the most important event in the international ISA calendar as it is during this event that a lot of the official business of the Society is conducted. The Council of Society Delegates is the AGM of ISA and it is here each year that all sections try to ensure that they are represented in order to have their inputs to the direction of the Society. The Council of Society Delegates was attended by Ireland Section President Kevin Dignam and Section President-Elect Brian Nolan. Ireland Section Membership Chairman Declan Lordan and the former Leinster Section President Jim Long (now an Ireland Section Committee Member) were also in attendance. The District 12 Vice President Billy Walsh was there in his official capacity.

At the annual Honours and Awards Banquet, held during the PFM on Monday 24th October 2005, the Ireland Section received a plaque and honorarium in recognition of its highly successful membership drive. The Ireland Section

was nominated for this award due to the execution and documentation of the membership drive. The drive resulted in an increase in membership by in excess of 30%. Section Membership Chair Declan Lordan delivered a presentation on membership at the PFM, explaining to delegates how this was achieved by Ireland and how it might be repeated in other sections.

Incon is very pleased to report that during the President's Fall Meeting, District 12 Vice President, Billy Walsh of the Ireland Section was elected as Chair of the Board of District Vice Presidents (a 28 member board) for 2006.

This position means Billy is automatically a member of the ISA Executive Committee (a 6 member committee that acts for the Executive Board) for next year in addition to his duties as DVP.

Expo 2005, ISA's major exhibition for automation and instrumentation, was held in conjunction with the PFM, from October 25th to October 27th in the nearby McCormick Convention Centre on the Lake Michigan shoreline.



Ireland Section delegates & guests at the Honours & Awards Banquet with the plaque presented for our Membership Drive



*Matthew Miller (OSIsoft) and
Finbar Gallagher (Fraysen Systems)*

Two Irish companies presented papers at the ISA Conference on Tuesday 25th October.

- High Volume Discrete Medical Products Manufacturing and the Challenges of RPM By Finbar Gallagher of Fraysen Systems Limited
- Extending the Reach of Enterprise Data Management in a World of M2M By Matthew Miller, OSIsoft



ISA President, Don Zee receives a presentation from Ireland Section President, Kevin Dignam during a visit to the President's suite

The Ireland delegates were kindly invited to the President's Suite on the top floor of the Hyatt Regency Hotel in Chicago for pizza and refreshments on Wednesday night, 26th October.

Ireland Section President Kevin Dignam made a presentation (as is custom and practice) of a Bottle of Jameson Gold Whiskey to ISA President Don Zee on behalf of the Ireland Section.

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Tour of the Jack Lynch Tunnel Thursday 3rd November 2005



Kevin Dignam makes a presentation to Tunnel Manager Dan O'Neill after the tour

The management of the tunnel cordially invited the Ireland Section to tour the facility and there were 11 members in attendance.

The Jack Lynch Tunnel was built using the immersed tube method; a million tonnes of material including 150,000 tonnes of limestone rock were excavated during its construction. Over 30,000 vehicles use the tunnel every day.

Computer technology is at the heart of the tunnel management.

The Jack Lynch Tunnel is constantly monitored for traffic control and safety reasons. Any traffic congestion or incident activates warning signals in the tunnel management building, situated at the northern side of the tunnel. The system comprises of detectors, CCTV and variable message signs. The tunnel vehicle detection system provides usage statistics. It can

determine the average speed of traffic through the tunnel and alert operators when vehicles are traveling excessively slowly or even stopped. The monitoring, safety and emergency systems are connected directly to An Garda Síochána regional control centre and the fire alarm system is linked to the Cork Fire Brigade central station to ensure an immediate response to any emergency situation. 24 jet fans ensure that the tunnel is adequately ventilated. This is carried out automatically via the computer system by carbon monoxide and visibility monitors.

The tour consisted of an inspection of the control room, electrical sub-stations, the central service tunnel and various detection systems within.

The tour was conducted by Dan O'Neill who was ably assisted by his colleague Kieran Cremin and most certainly dispelled

certain myths about the tunnel – no it is not sinking or leaking!

We would like to thank both Dan & Kieran for their courtesy and knowledge demonstrated during a very excellent tour.



Dan O'Neill with some of the tour party in the central service tunnel



**ISA-The Instrumentation,
Systems and
Automation Society**

MEMBERSHIP

Current membership of the Ireland section stands at 318.

In recognition of our continuing and successful membership drive the Ireland Section was presented with the Membership Award at the recent President's Fall Meeting function in Chicago October 2005.

In order that the ISA Ireland section records are accurate and up-to-date concerning our members throughout the country, it is important to let me know if you have:

1. Moved house
2. Moved to a new employer
3. A new telephone number
4. A new fax number
5. A new e-mail address

This will enable us to make sure that all correspondence from the Ireland section and the USA will reach you at the proper destination and in time.

Euro Rates for ISA Membership:

- | | |
|---|---------------------------------|
| 1. Regular Membership | €85.00 |
| 2. Senior Membership | €85.00 |
| 3. Student Membership | €10.00 |
| 4. Division Membership | €7.00 |
| 5. Two year regular / senior membership | €158.00
(save €12.00) |
| 6. Three year regular / senior membership | €225.00
(save €30.00) |

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SPECIAL STUDENT MEMBERSHIP OFFER

Mr. Kevin Dignam, President of the ISA Ireland Section has announced a special membership offer aimed at Students.

The President said "This is just one of the steps the Ireland Section is taking to support its education brief and we hope to announce further initiatives during 2006."

This offer gives student membership of ISA for 3 years for a once off payment of only 15 Euro. The rest of the membership fee is sponsored by the Ireland Section.

This membership offer also applies to the existing two student sections in FAS Rossa Avenue, Cork and Cork Institute of Technology.

Special forms will be emailed to colleges over the next few weeks and the standard membership form has been altered to include the special offer to students.

If you wish to be sent a form then please send an email to Declan Lordan Membership Chairperson to the address: info@isa.ie

WEB SITE

Up to date news on our website including forthcoming events, photos, links and other relevant information.

<http://www.iol.ie/~isaire>

UPCOMING DATES

5th December 2005

Honours & Awards Ceremony
 UCC Common Room

17th January 2006

Limerick Technical Meeting on SIL
 Lynch Hotel Limerick

18th January 2006

Cork Technical Meeting on SIL
 Rochestown Park Hotel Cork

26th January 2006

Committee Meeting
 Rochestown Park Hotel Cork

ISA Ireland Section Exhibition

Tuesday 25th April 2006

ISA Ireland Section Golf Tournament

Friday 12th May 2006

HONOURS AND AWARDS CEREMONY 2005

The ISA Ireland Section 2005 Honours & Awards ceremony will be held in the Common Room University College Cork on Monday 5th December 2005.

The Lord Mayor of Cork Councillor Deirdre Clune will officiate and present awards in the following categories.

- Craft Apprentice Award
- Technician Award
- Technologist Award
- The Ger Dullea Award
- The Instrument Pioneer Award
- Technology Achievement Award

Nominations for the Instrument Pioneer Award are currently being sought from the section membership. Nominations for the other awards will be made by the

various colleges. The category awards will be selected from the nominations received by the Honours & Awards sub-committee comprising of Brian Curtis (Committee Chair), John Loughnane (ConocoPhillips) and Brendan Barry (Schering Plough Brinny).

A special word of thanks to our sponsors who continue to support the Ireland Section and without whom this annual event could not take place.

- Capper Plastics
- DPS Engineering & Construction
- Endress + Hauser
- Janssen Pharmaceutical
- Kirby Group
- O'Sheas Electrical
- Pegler & Loudon Ireland
- Pfizer Ireland Pharmaceuticals
- Project Management Group
- PRM Resource Group
- Proscon Engineering
- RPS Environmental Eng
- Schering Plough (Brinny) Co
- Valve Services



**IRELAND
SECTION
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COMMITTEE
2005/06**

**Mr. Brian Nolan –
President Elect/
Secretary**

**Mr. Kevin Dignam –
President**

**Mr. Declan Fleming –
Treasurer**

2005 / 2006 COMMITTEE:

Mr. Kevin Dignam – President
DPS Engineering, 021-7305000

Mr. Brian Nolan – President
Elect/Secretary
O'Sheas Electrical, 021-4510700

Mr. Declan Fleming – Treasurer
Schering Plough, 021-4329538

Mr. Marc Roosli – Technical Program
Dataworks, 051-878555

Mr. Bob Shine – Education/Historian
(Retired), 021-4543722

Mr. Declan Lordan-Membership
Douglas Control & Automation,
021-4317001

Mr. Michael Meade – Newsletter
DPS Engineering. 021-7305030

Mr. Eoin O'Riain – Webmaster
Readout, 091-506872

Mr. James O'Driscoll – Exhibition
Everyman Controls 021-7332397

Mr. Billy Walsh – Marketing
UCC, 021-4902144

Mr. Brian Curtis – Honours & Awards
DPS Engineering, 021-4702939

Mr. Martin Almond – Past Section
President
Project Management, 021-4974429

Mr. Peadar Walsh – Committee
Jones Engineering, 021-4510722

Mr. Terry McCarthy – Committee
AGB Electrical

Mr. William Cody – Committee
Kirby Group, 021-4894004

Mr. Barry Nugent – Committee
086-6080231

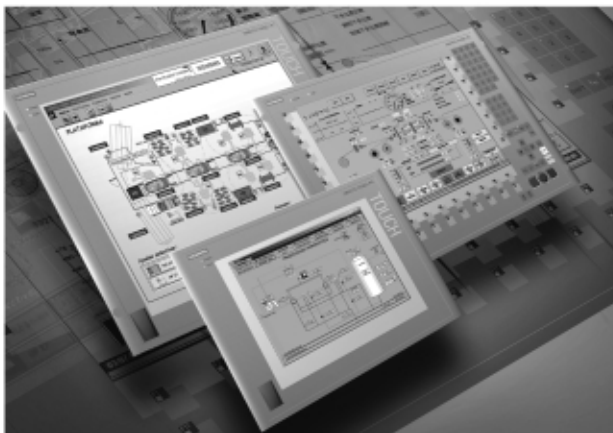
F E E D B A C K

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The views expressed in INCON are not necessarily those of ISA or ISA Ireland

Siemens Panel PCs for harsh industrial use

Siemens Automation and Drives (A&D) has developed two new Panel PCs for harsh industrial use: the especially compact Simatic Panel PC 677, and the flexibly expandable Simatic Panel PC 877. There are several front



designs available for both device types, offering 12" and 15" touch or key operation as well as a 19" touch version. The PC 677 replaces the predecessor model PC 670, and the PC 877 replaces the PC 870.

The new Panel PCs are equipped with powerful processors and are suitable for demanding visualisation tasks and for processing large volumes of data. Intel Pentium M processor is available for PC 677 and Intel Pentium 4 processor for PC 877. The remaining setup is scalable with a main memory configuration up to 2GB, hard disk drives up to 80GB and optical drives, 110-230V AC or 24 V DC power supplies, and the Windows 2000 or XP Professional operating systems. For higher system availability and data security, there is an optional RAID1 mirror disk system, supported by the onboard RAID controller on the PC 677, and the integral vibration-suppressed double hard disk module.

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