

INCON

INCON-the newsletter of the Ireland Section of ISA.

ISA IRELAND SECTION EXHIBITION



Kevin Dignam
President ISA Ireland Section at the Douglas
Automation & Controls stand following his
opening of the Exhibition

The ISA ANNUAL EXHIBITION took place in The Rochestown Park Hotel, Cork on Tuesday 25th April 2006. The ISA Ireland president Mr. Kevin Dignam performed the official opening at 11 am on the day and activities progressed until late evening.

This exhibition is seen as a must for any person involved in Instrumentation. The recognition of the importance of Instrumentation as a contribution to the

"ISA, the international society for measurement and control, advances the technology and the competence and the careers of practitioners for the benefit of industry and humanity."

overall safety and quality of any production or control system has been highlighted by the tremendous improvement in technology in recent years. This year's exhibition again provided an excellent platform upon which many new products will be launched on the Irish Market.

Many of the professionals in the industry, when asked about our exhibition, say it is a must on their calendar because it gives them an opportunity to check on what is new on the market, speak with manufacturers and distributors and most importantly a chance to network with and meet old friends from the industry.

Industry in Ireland faces increased pressure to automate tasks and reduce labour costs. They are also increasing production and these are some of the reasons for the continuing success of the control and automation industry in Ireland.

We need to provide high levels of automation for our members as the competitiveness and profitability for each company is being judged competitively against both other companies in their industry and also against their sister plants across the world.



Ireland Section committee members Brian Nolan (President Elect), Bob Shine (Education /Historian) and Declan Fleming (Treasurer) man the ISA stand

We had 41 companies exhibiting on 55 stands. This included all our regulars and also this year there are several new companies exhibiting increasing the range of equipment and services covered by the exhibition.

SPOTTED AT THE EXHIBITION





Called to the BAR after the exhibition!

The following companies exhibited and fully supported the exhibition.

- ABB Ireland
- Capper Plastics
- Carl Stuart Ltd
- CID Electrical Ltd
- Control Techniques Irl Ltd
- DataWorks
- Douglas Control & Automation
- DWN Instrumentation Ltd
- E Fox (Engineering) Ltd
- Endress & Hauser Ltd
- Edward Dornan Manufacturing Ltd
- Eurolec Instrumentation
- Everyman Controls
- G. M. Environmental Safety Systems Ltd
- Hanley Controls
- Hima-Sella Limited
- Honeywell
- Howard Instrumentation
- IMPAC Infrared Ltd
- Insteco
- Instrument Technology Ltd
- Irish Pneumatic Services Ltd
- Irish Power & Process Ltd
- Kerrco Automation
- Lotus Automation

- Lucas Products and Services
- Manotherm Ltd
- Measuresoft Developments Ltd
- National Metrology Laboratory
- Norgren Ireland Ltd
- Niron Europe Ltd
- Panametrics
- PEMA
- Quest Instruments Ltd
- Readout
- SMC Pneumatics Ireland Ltd
- Technology Ireland
- Tektron
- Transtest
- Valve Services Ltd
- Xetec

Attendance at the exhibition was taken at 250 and which was up to the expectation of previous years. A straw poll taken of exhibitors and the organising committee indicated satisfaction with the interim results. Congratulations to all for the supreme effort.

SPECIAL ISA PRESENTATION

This year we also ran a seminar in conjunction with the Exhibition.

The topic of the seminar was "ATEX Exploded

- keeping safe, sane and solvent without panic, prosecution or persecution" and this was presented by Mr. Robin Garside of Hexagon Technology who is very well known for his views on the subject matter.

Robin spoke to a full house for nearly two hours about over reaction resulting from lack of understanding of ATEX in your Hazardous Areas and 60 persons were in attendance for his excellent presentation.

Robin is one of the few independent voices in this area and he contributes extensively to the production of European and IEC standards such as IEC/EN 60079. His advice is solidly based on the current mandatory requirements as well as being practical in nature.

More importantly he understands the intent of the Directives and how many companies are taking ill thought out and costly actions prompted by concern of impending deadlines.

WEB Site

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

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

Talented Building Blocks



Total lifecycle management is a matter of fundamentals.

Installing and managing automation devices is almost elementary when your business is built on Industrial^{IT} products from ABB. Any way you arrange them, these "information enabled" components play a role in building new enterprise value.

We start with the industry's broadest range of instruments, analyzers, controls, low voltage products, drives, motors, power electronics, robots, and more. Then we enable and certify every device to Industrial^{IT} open standards: Asset documentation, configuration and connectivity tools, and lifecycle support resources are bundled into one powerful software shell for "plug and produce" installation and operation.

Whether you deploy them individually or integrated across the plant, ABB automation technologies provide the foundation you need for asset efficiency, transparency, and lowest lifecycle cost. Our customers, with over US\$ 100 billion of installed solutions worldwide, provide the proof.

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VISIT TO NATIONAL MARITIME COLLEGE RINGASKIDDY ON 18TH APRIL 2006



Ireland Section attendees on the visit to the college

The Section paid a visit to this fine establishment at the invitation of the college.

During the visit we were treated to a wondrous and fascinating insight to a very modern naval training facility. We are indebted to Lt.Cmd. Brian Fitzgerald and Lt. Mary Lane of the Irish Naval Service who took us through the college and very ably demonstrated what the college had to offer. Who can forget the full bridge simulator and that journey up Sydney harbour.

The new National Maritime College of Ireland in Ringaskiddy, Co Cork accepted its first cohort of students on the 11 October 2004. It is the first third level college to be built and operated under the Public Private Partnership (PPP) model and is regarded as the most exciting and innovative development in maritime training and education in this country. The project is unusual in that it

represents a unique partnership between the Cork Institute of Technology (CIT) and the Irish Naval Service (INS).

The 14,000 square metre building costing over 2m is designed as three storey linear blocks incorporating classrooms, gym, laboratories simulation and workshops. The college has 19 classrooms, each with a capacity ranging from 20 to 50. It has a student capacity of 750 and a staff allocation of 60 drawn from CIT and the Navy. The college provides a full range of training to meet the requirements of the Merchant Marine (CIT provides the National Merchant Navy Training College in Ireland) and the non-military training requirements of the Navy. The range of training provided caters for the full spectrum of nautical training from basic seamanship to an Honours Degree in Nautical Science.

On a tour of the college you will see state of the art simulation, including a fully equipped ships bridge and engine room, a spectacular sea survival training centre, the latest in physics/ instrumentation/ electronics/ electrical and control laboratories, workshops, as well as outside; ships lifeboats mounted for launching on their davits (including a 'freefall' lifeboat) and a fire fighting and ship's damage control training centre.



Lt. Mary Lane takes the Electronics class!

TECHNICAL TALK IN CORK "PREDICT THE FUTURE"

The Technical Program for March had a very interesting and exceedingly well attended talk called "Predict the Future" and was directed at anyone interested in their career prospects and development.

This was presented by Dan Buckley of Hanley Calibration Services at the Rochestown Park Hotel on Tuesday 14th March.

The subject matter was titled "Career Development within the Instrument Industry" and the presentation explored the following topics.

- The right Company to work for (including self-employed).
- The recruitment process (CV writing; Interview techniques; etc).
- ISA type jobs and careers.
- Statistics (No. of people in the industry; Career types and numbers; Government policies; etc.)
- The Work / Life balance.

The evening ended with a Q&A session.



Dan Buckley of Hanley Calibration Services

ISA IRELAND SECTION AGM

Thursday 15th June 2006 @ 20:00
Rochestown Park Hotel Cork

ISA IRELAND SECTION GOLF TOURNAMENT

Previous date postponed due to proximity to Heineken Cup Final

Rescheduled date to be advised

TECHNICAL TALK ON RFID TECHNOLOGY BY IES



Ireland Section President Kevin Dignam with attendees at the Limerick technical talk

Continuing the Technical Program of the Ireland Section, Shaun Beldon presented a background on RFID technology.

This was followed by a case study on a particular pharma application demonstrating RFID use in the tracking and verification of hardware in place and ready.

A second case study from the food industry demonstrated RFID use in product tracking, batch data recording and data provision for statistical process control.

The case studies were presented by Liam Cotter and Pat O'Donnell.

IES are based in Newbridge, Co Kildare and specialise in integrating systems in the Process, Industrial & Environmental sectors.

The topic is currently under world-wide focus and will be of particular interest to Process, Control and Instrument Engineers and others interested in measurement and control.

The one hour long evening presentation took

at the Lynch Hotel in Limerick on the 17th of January and was repeated the following evening at the Rochestown Park Hotel in Cork.

The event attracted 26 attendees over the two nights.



Ireland Section President Kevin Dignam makes a presentation to Liam Cotter, Pat O'Donnell & Shaun Beldon of IES after the Cork technical talk



ISA-The Instrumentation, Systems and Automation Society

MEMBERSHIP

Current membership of the Ireland section stands at C.300

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
<i>(save €12.00)</i> |
| 6. Three year regular / senior membership | €225.00
<i>(save €30.00)</i> |

MEMBERSHIP CONTACT:

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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 indicatives during 2006."

This offer gives student membership of ISA for of 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

Members to Get One Free ISA Standard

At the October Presidents meeting in Chicago it was agreed to introduce a new member benefit where each year ISA members will be able to download any one of the ISA standards for free. Up to now members were given a discount on the standards but this has been upgraded to allow members to download one standard, irrespective of the cost of that standard.

Irish Sections Merged

INCON is very pleased to report that

following recent discussions, it was decided that the ISA Ireland Section and the ISA Leinster Section would merge. The proposed integration was finally ratified at the ISA President's Fall Meeting in Chicago in October 2005. Following on from this merger, the former Leinster Section President Jim Long and Committee Member Dave Peyton have been co-opted onto the Ireland Section committee as fully serving members.

Ireland Section President Kevin Dignam says 'This integration gives us is a wonderful opportunity to provide better Benefits of ISA Membership to all of our society members throughout the country. There is a major catchment area in Leinster for potential ISA members that we can now jointly exploit as a team. We are all looking forward to working with Jim and Dave as part of this enhanced committee for the coming year'.

Ireland Section Input to Selection of New ISA Executive Director

ISA announced the appointment of Patrick Gouhin as Executive Director effective 3rd January 2006.

INCON is pleased to announce that our Ireland Section member Billy Walsh, who serves as Chair of the Board of District Vice Presidents, was also an integral part of the 8-member ISA Search Committee charged with the selection and appointment of the new Executive Director.

Congratulations to Billy on his good work and progress within ISA.



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“Before we hire you, you’ll have to take a battery of tests, sign a few oaths, and go through two years of psychoanalysis.”



**IRELAND
SECTION
EXECUTIVE
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. Jim Long – Committee
James Connolly Memorial Hospital,
021-4894004

Mr. Barry Nugent – Committee
086-6080231

Mr. Dave Peyton – Committee
C.I.T. Carlow, 01 - 8406217

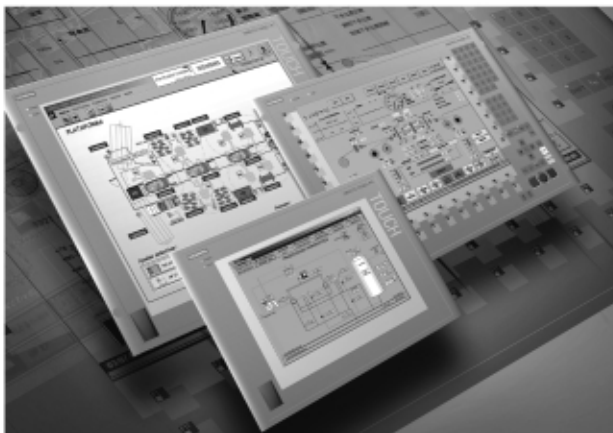
F E E D B A C K

Section Committee Members can be contacted at:
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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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