

Continuing Education

SAFETY INSTRUMENTATION AND EMERGENCY SHUTDOWN SYSTEMS

An IDC Technologies training opportunity, presented by David Macdonald.

This two day workshop focuses on the management, planning and execution of automatic safety systems in accordance with IEC 61511, the widely accepted international standard for functional safety in the process industry. The IEC 61511 has been recognised by safety authorities in Europe, the USA and Australia as representing the best practices available for the design and management of automatic safety systems. The new standard combines well-established safety design principles with the special techniques required when using programmable devices such as transmitters and PLCs in safety related applications.

Date: 23 and 24 October 2006 in Johannesburg
Contact 0800 114 160

PROCESS CONTROL COURSES

The Michael Brown practical process control courses are invaluable to novices, as well as to extremely experienced practitioners in the field of regulatory control optimisation.

The series of three courses include:

- Introduction and appreciation of practical process control (one day) for non-instrumented people who work in process plants, but have

no previous experience or practical training in control, like process engineers, operators, production managers, metallurgists, and chemical engineers.

- Practical process control part 1: troubleshooting and loop tuning (3 days) for instrument and control personnel like mechanics, technicians and engineers.
- Practical process control part 2: control techniques for more difficult processes (2 days) which deals with control of processes with complicated dynamics and techniques like feed-forward.

Date: 17 November 2006 in Johannesburg
Contact (011) 486 0567 or michael.brown@pixie.co.za.

RS TRAINER CD COURSES

Rockwell Automation Software SA has launched computer-based training courses covering its RSLogix 5, RSLogix 500 and RSLogix 5000, SLC 500, RSLinx, Hydraulics Fundamentals, ControlLogix, ac/dc Motors and Drives Fundamentals, RSView Machine Edition, RS Companion for SLC500 and MicroLogix product ranges.

Every course provides clear guidelines in terms of the skills required for a student to proceed and pass, as well as the hardware requirements to use the CD-

ROM. While practical exercises are omitted from the package, virtual exercises are included.

Contact Deon du Plessis on (011) 654 9700 or rvanwyk@ra.rockwell.com

NEW INDUSTRY-FOCUSED WEBINAR CDS

Many of our customers have told us that due to the limited internet bandwidth available in Southern Africa, they are still finding it difficult to view live and recorded webinars from The MathWorks. In order to make the latest webinars available to our customers, Opti-Num Solutions has created an updated set of recorded webinar CDs containing many of the popular webinars recorded in the last 18 months. We have categorised the recorded webinars by industry so that you receive only focused, relevant webinars.

What is a webinar? It is a technical seminar presented by one or more MathWorks engineers on the web. Attendees can sit at their desks and share in the webinar content over a high-speed internet connection. A recorded webinar is a recording of a live webinar that you can view online or from a local disk or CD, without requiring high-speed internet access.

Request your free recorded webinar CD online at www.optinum.co.za or request the CD by sending an email to info@optinum.co.za.

Conferences and Exhibitions

INDUSTRIAL AND COMMERCIAL USE OF ENERGY CONFERENCE

The 4th international conference on the Industrial and Commercial Use of Energy (ICUE) will be held during the National Energy Month in May 2007. ICUE offers a forum for professionals and practitioners in all fields of commercial and industrial energy, to discuss developments in the effective use and management of all forms of energy.

Workshops will be held to offer a forum for industry, Energy Services Companies (ESCOs) and Measurement and Verification (M&V) specialists.

ICUE focuses on promoting sustainable development, particularly in the SA countries, through the effective use of energy. Papers and networking events will establish opportunities for energy stakeholders, who include end-users, equipment suppliers, energy service sup-

pliers, utilities, policy makers and academia.

CALL FOR PAPERS

Submission of abstracts by 17 January 2007 and final paper submission by 28 February 2007.

Venue: The Vineyard Hotel, Newlands

Date: 29&30 May 2007

Contact icue@cput.ac.za or see www.cput.ac.za/conf.

POWER AFRICA CONGRESS 2006

This event will cover the following issues: planning for future power capacity, power pricing structures, evaluating alternative sources of supply, effective business approaches to managing the power supply in the Southern African market, a project update on major initiatives in the energy sector.

Date: 25-27 October 2006

Venue: Southern Sun, Grayston

Contact (011) 771 7000

PROCESS SHOW 2007

The next Process Automation and Information Technology Exhibition will be held on 15, 16 and 17 May 2007.

Venue: Nasrec Expo Centre

Contact hanli@elancomm.com.

New Premises

KROHNE moved into their new African head office which is a vast improvement on the old premises. It has been purpose-built to enable KROHNE to continue offering the high levels of service that its customers are accustomed to. The building will house management, sales, service and calibration facilities. New address: Bushbuck Close, Corporate Park South, Midrand. Tel: (011) 314 1391



Catalogues

TRIDONIC ATCO

The latest Tridonic catalogue showcases the current range of magnetic chokes for fluorescent lamps, electronic ballasts for fluorescent lamps, digitally dimmable ballasts for fluorescent lamps, luxCONTROL lighting management systems, emergency lighting modules for fluorescent lamps, control gear for high pressure discharge lamps, transformers for LV halogen lamps and LEDs.

Order your free copy today.

Contact Trevor Milne on (011) 923 9686 or trevor@tridonic.co.za.

Training Venue

TRAINING ACADEMY FOR HIRE

Training Academy for hire in the Modderfontein area. Ideal for sales or technical seminars. This modern facility caters for up to 40 people.

Contact Barbara or Judi on (011) 201 3200

Citect signs Nexa integration partner in New Zealand

Citect welcomes Singer of New Zealand as a Nexa integration partner. Nexa is Citect's specialised facilities management software system. Singer has Citect Gold CIP partner status and is the latest Nexa building automation partner in New Zealand. The agreement with Singer also represents a milestone in Citect's New Zealand expansion plans, having opened an office in Auckland earlier this year.

Singer is a dynamic, rapidly growing company with expertise in power generation, electrical design and build, electrical maintenance, automation, and electrical and mechanical building services. Singer is also broadening its offering to provide clients with a total building automation and building management solution. Partnering with Citect, in particular using the Nexa solution, forms a key part of Singer's expansion and diversification plan.

Enquiries: (011) 699 6600

Appointments



MARTHINUSEN & COUTTS
Coen Smit has been appointed sales representative for underground coal mining.



MARTHINUSEN & COUTTS
Constantin Pitis has been appointed engineering manager.



MARTHINUSEN & COUTTS
Lino do Lago has been appointed design draughtsman.



MARTHINUSEN & COUTTS
Rui Rosa has been appointed technical co-ordinator.

Current clamps available ex-stock

Denver Technical Products is pleased to announce the ex-stock availability of ac current clamps for the measurement of ac current from 10 mA up to 7 500 A. Jaw sizes range from 15 mmØ up to 83 mmØ or for busbars 122 x 54 and 100 x 64.

The probes are manufactured by Universal Technic in France and are available in multi-ratio configurations, for example 250/500/1 000A.

Universal offers current or voltage output, for example 100 mA, 1 A, 5 A etc, or voltage 1 to 5 V, in some cases voltage and current output is offered from the same probe for example 1 A and 5 V.



Denver Technical Products offers ac current clamps from 10 mA up to 7 500 A.

Enquiries: (011) 626 2023

Forrester report speaks favourably of ABB full service

Forrester Research has featured **ABB's** services for maintenance outsourcing in a recent market overview on Enterprise Asset Management (EAM). Twelve companies were interviewed in the study, including ABB. Forrester states that maintenance outsourcing can expedite asset management transformation.

"To achieve this, some are looking for service providers that can help improve their maintenance function without significant capital investments. A third party willing to take over operations and contractually commit to cost optimisation can expedite the transformation of asset management," said Forrester in the research report.

"For example, a pulp and paper mill struggling to compete against increasing competition can turn to a service provider like ABB for an outsourced maintenance program that contractually commits to plant productivity improvement as well as cost optimisation. In addition to full maintenance services, ABB can guide a company to benchmark its maintenance practices against industry best practices. Employing a provider like this, firms can embark on an asset management transformation effort, leveraging the provider's investments and scale."

"The provider can also help firms map out their asset management strategy, which could range from process re-engineering to a systematic approach to improving asset reliability, while sharing the project risk on a pay-for-performance basis."

Forrester Research is an independent technology and market research company that provides pragmatic and forward thinking advice about technology's impact on business and consumers.

Enquiries: www.forrester.com