

Conferences and Exhibitions

SAFETY CONTROL SYSTEMS

Focussing on the technology and application of safety-related control and instrumentation systems in the chemical, energy, mining and manufacturing industries. Examining the complex and challenging issues of using control systems technology to maintain and improve the safety of people and plant whilst ensuring profitability.

The conference will be approached in an interactive way with case studies, interactive discussions, active learning, no trade show focus, interactive interviews with all presenters, dialogue and no one-way presentations, etc.

Venue: The Conference Park, Midrand

Date: 27-29 June 2006

Contact Shellie Dodds at shellie@idc-online.com or the toll free no 0800 114 160

DOMESTIC USE OF ENERGY CONFERENCE

Demand Side Management, energy services companies, measurement and verification, municipal and RED services, renewable energy, energy efficiency and labelling, load control, electrification, etc.

Date: 4-5 April 2006

Contact Prof Nico Beute (021) 460 3658 or due@cput.ac.za

SA ENERGY EFFICIENCY CONVENTION 2006

The first Southern African Energy Efficiency Convention (SAEEC) is scheduled to be held this year.

Date: 19-20 October 2006

Venue: Emperor's Palace, Gauteng

Contact Nikki Nel at (018) 293 1499 or nikki@saeec.org.za

ELECTRA MINING AFRICA

Electrical, instrumentation and mechanical products and services, mining, industrial engineering, materials handling, machine tools, construction, etc.

Date: 11-16 September 2006

Contact John Kaplan (011) 835 1565 or kappie@specialised.com

PROFIBUS EXHIBITION AND BREAKFAST

Breakfast presentations start at 08h00 with the following speakers:

- Prof Ian Jandrell, Director Crown Publications
- Dr Richard Roberts, Technical Director, Anglo American
- Mr Ed Bauer, Manager, Instrumentation and Analytical, ABB

Booking is essential for the breakfast and costs run at R300-00 per person. To book your seat contact

ec@crown.co.za

The exhibition will be open from 10h00 to 16h00 with 18 exhibitors displaying the latest automation and Profinet technologies. Take part in the exciting treasure hunt and stand a chance to win one of 18 prizes.

Date: 5 May 2006

Venue: Eskom Convention Centre

For more information on the Profibus User Group of South Africa contact Rob MacKenzie, 801 8200

INDUSTRIAL AND COMMERCIAL USE OF ENERGY CONFERENCE

ICUE will provide cutting-edge real world solutions to reduce energy related costs and improve overall performance in industrial plants, commercial, institutional and government facilities, with a full line-up of intensive seminars on a variety of current topics. Participants will learn about the latest regulatory and market trends, which impact their decisions, and hear firsthand reports on successful projects and technology applications. They will explore the complete spectrum of resources now offered by energy service providers to help reduce energy costs, analyse energy data, develop DSM strategies, upgrade equipment, electricity tariffs, obtain project financing and more.

Date: 22-24 May 2006

Contact: Sherna Williams or Nickey Amsterdam (021) 460 3658 or icue@citech.ac.za

Continuing Education

MATLAB TRAINING

- 9-10 May - MATLAB Fundamentals and Programming Techniques - 2 days
- 15 May - MATLAB for Data Analysis - 1 day
- 16 May - MATLAB based Optimization Techniques - 1 day
- 17-18 May - MATLAB for Image Processing - 2 days
- 30-31 May - MATLAB and Simulink for Control Design - 2 days
- 1 June - Advanced Stateflow Modelling Techniques - 1 day
- 6-7 June - Simulink for Dynamic System Modelling - 2 days
- 27-28 June - MATLAB Fundamentals and Programming Techniques - 2 days
- 29 June - MATLAB for Building Graphical User Interfaces - 1 day
- 4-5 July - Introduction to Programming using MATLAB - 2 days

On-site training for larger groups can be arranged. Contact Carlette on (011) 325 6238 or training@optinum.co.za for bookings and enquiries

RISK-BASED LABORATORY SAFETY

The objective of this course is to provide the learners with an informative working knowledge of qualitative risk assessment. It will equip the learners to identify hazards in a laboratory and will provide an understanding of inherent risks associated with a laboratory. Ideal for health and safety practitioners or line managers responsible for ensuring the laboratory is maintained in a safe state. Contact Claudette Ortell at (011) 907 0336/7 or cortell@inveritas.co.za

CERTIFIED ENERGY MANAGER COURSE

The SAAE, in conjunction with the AEE in the USA, locally presents a five-day comprehensive energy management training course. This course forms part of the certified energy management (CEM) programme that is presented in South Africa.

This in-depth course is ideal for professionals who seek a more detailed programme of instruction covering the technical, economic and regulatory aspects of effective energy management. It offers a comprehensive learning and problem-solving forum for those who want a broader understanding of the latest energy cost reduction techniques and strategies. The course covers topics like conducting energy audits, energy audit instrumentation, energy codes and standards, building energy use and performance, energy accounting, energy and electric rate structures, waste heat recovery, lighting, motors and drives, HVAC systems, boilers and steam generation, maintenance, etc.

Date: 26 May to 2 June 2006

Venue: Emperors Palace, Gauteng

Contact: Christina den Heijer 082 334 0923 or cemanager1@intekom.co.za

SKILLS LEVY PROGRAMS FOR THE ENERGY SECTOR

As a result of a need identified by the Department of Minerals and Energy, in terms of trained manpower to carry out energy audits and initiate energy savings and DSM initiatives, the following skills programs have been developed:

- Buildings Energy Auditors
- Industrial Energy Auditors
- Industrial Energy Managers

To enable employers to benefit from these Skills Levy programs, they have been registered with the ESETA. The University of Johannesburg's Faculty of Engineering and the Built Environment, as well as the trainer concerned, are in the process of being registered for ESETA accreditation. Financial assistance is also available from Eskom for energy services companies (ESCOs) who wish to attend the programs.

The programs are aimed at, among others ESCOs, building managers, maintenance managers, maintenance staff, energy managers, plant engineers and service providers. A minimum entry requirement is a diploma in engineering or equivalent, or appropriate

experience which could be evaluated as equivalent. Contact: Dr Andries van der Linde (011) 406 8139 or andvdl@twr.ac.za

CERTIFIED PROFIBUS TRAINING COURSES

The PROFIBUS Competence Centre of Southern Africa offers internationally recognised, certified training courses on PROFIBUS fieldbus systems.

The Certified Installer's Course takes participants through all of the requirements and guidelines for installing PROFIBUS systems. As the majority of PROFIBUS problems experienced can be traced back to incorrect installation, this course forms a vital step in guaranteeing that those installing systems know and understand all of the cabling guidelines including earthing constraints, network termination, network topology, and the basic operation and troubleshooting of the PROFIBUS system.

The Certified Engineer's Course equips candidates with a detailed understanding of the protocol, as well as the tools and practical know-how to work on PROFIBUS systems at the highest levels. This would include design, development and troubleshooting of PROFIBUS networks.

Contact: IDXOnline (011) 465 7916 or pcc@profibus.co.za

BUILDING ENERGY AUDIT TRAINING (BEAT) COURSE

The BEAT course aims to develop the skills and knowledge required of individuals to conduct energy audits in government and other commercial buildings and the Supervising Engineer's Course aims to develop the skills and knowledge required of engineers who will manage and monitor the audit programme.

Date: 30 May - 2 June 2006 and 17-20 October 2006

Venue: Emperors Palace, Gauteng

Contact: Christina den Heijer 082 334 0923 email: cemanager1@intekom.co.za