

CONFERENCES AND EXHIBITIONS

ROCKWELL'S AUTOMATION UNIVERSITY

Rockwell Automation will once again be hosting its biennial Automation University. The event provides industry players with the ideal platform to gain insight into the trends and developments in the automation industry while networking with a host of local and international visitors.
Dates: 30-31 July 2008
Venue: Emperor's Palace
Contact: Jeff Sandison on 011 654 9700 or jksandison@ra.rockwell.com

SCIENCE, INNOVATION AND TECHNOLOGY INSITE

The International Science, Innovation and Technology Exhibition (INSITE) is South Africa's premier science and technology event. The exhibition provides an international showcase for the innovative science and technology solutions that are emerging in response to some of the world's most pressing social and economic challenges. Driven by South Africa's national Department of Science and Technology (DST), INSITE showcases these progressive solutions by demonstrating their practical application and creating a vision of what the future holds. The exhibition will provide a platform for assembling the world's leading innovators and scientists – from as far as the Arctic, to the Southern most tip of Africa – in one place, stimulating global interaction and exchange. The exhibition:

- Provides an international marketplace for innovation, science and technology (IST), particularly in the

context of long-term sustainability.

- Embraces IST solutions for the developed and developing world.
- Promotes IST partnerships for global sustainable development.
- Provides networking opportunities across industries that enable IST experts from across the globe to identify joint objectives, activities and initiatives.

Dates: 15-17 September 2008

Venue: Sandton Convention Centre

Contact: janetteh@exhibitafrica.co.za

ENGINEERING MANAGER CONFERENCE

This is aimed at engineering managers in industry focussing on their role in the project life cycle. The course will look at:

- Planning for unforeseen circumstances that could jeopardise reaching the project deadline.
- Continuous maintenance improvement of machinery and managing escalating costs.
- Methods to communicate to a multi-discipline team.
- Effective knowledge sharing techniques.

Dates: 16-18 July 2008

Venue: Garden Court, OR Tambo Airport, Johannesburg

Contact: Kay at 011 771 7207 or kgrant@iir.co.za

ELECTRA MINING AFRICA 2008

On the international calendar, Electra Mining Africa is ranked as the second largest mining show in the world and the biggest trade exhibition in southern Africa, and

is a recognised gateway into Africa for local and global investors looking for new business opportunities in the mining, construction, industrial and power generation industries. The exhibition enjoys strong support from the Department of Minerals and Energy (DME) and the Department of Trade and Industry (DTI), with the DME's Mining Week coinciding with the show.

Venue: National Exhibition Centre, Nasrec, Johannesburg, South Africa

Dates: 8-12 September 2008

Contact: Charmaine Wood 011 835 1565 or cwood@specialised.com

ENERGY EFFICIENCY @ WORK

A convention that features a seminar and exhibition on a variety of current topics and a comprehensive overview of energy efficiency in the workplace.

Date: 6-7 November 2008

Venue: Birchwood Executive Hotel and Conference Centre, Gauteng

Contact: Marietjie Strydom 018 294 7174 or admin@saeec.org.za

SPS/IPC/DRIVES 2008

The annual SPS/IPC/DRIVES exhibition focuses on electric automation technology. It covers all components down to the system and offers integrated automation solutions.

Date: 25-27 November 2008

Venue: Exhibition Centre Nuremberg, Germany

Contact: www.mesago.de/en/SPS/main.htm

CONTINUING EDUCATION

PROFIBUS DIAGNOSTIC WORKSHOP

This half-day workshop will deal with faultfinding and troubleshooting on Profibus installations. This is a must-attend even if you have a Profibus installation in your plant. The workshop will be presented by Michael Bean from the Profibus Competence Centre and Errol Mann from Lapp Cable SA – both are internationally certified Profibus Engineers.

Date: 18 June 2008, from 12:00-17:00

Venue: Lapp Cable, Modderfontein

Contact: Ed Bauer on 011 236 7000

TECHNICAL EXPERT BECOMES SALES CONSULTANT

Technical experts often become sales consultants. No-one knows or understands the company's products better than they do. But selling the products is a whole new ball game. Suddenly interpersonal skills, relationship building, the art of persuasion, delivering compelling presentations and selling itself constitute part of the new skill-set required. If you need to bridge the gap between being a specialist and a successful sales person, AstroTech offers a course on "Bridging the Gap: From technical person to successful sales person."

Dates: 15-17 October 2008

Venue: Johannesburg area

Contact: Fuwaad, Riana, Alex or Tracy on 0861 278 768/
www.astemil4.co.za

TRAINING IN SOLAR ELECTRIC SYSTEMS – DESIGN, INSTALLATION, MARKETING

Solar Tech, the training institute formed by sun and wind energy company Solar Con CC, is offering a German-based course on solar electric systems which will cover the marketing, design and installation of such systems. The cost per course is R2 400-00 per person which includes the eight-hour theoretical and practical training course, training manual, lunch and refreshments and on completion of the test a certificate. On this course you will learn how to earn money with energy.

Date: 28 June 2008, 09:00-17:00

Venue: 51 Brunton Circle, Founders View, Modderfontein (Lapp Building)

Contact: Johannah at 011 444 7503 or dieter@solarcon.co.za

MOTOR DIAGNOSTICS WORKSHOP

Comtest will be running a three-day motor diagnostic workshop that will be facilitated by the All-Test Pro's technical support and training manager, Bill Kruger. The participants will be introduced to various theories based on electrical reliability (maintenance philosophies), electrical motor diagnostics, motor and transformer, motor faults (electrical maintenance), multiple technologies, various mechanical considerations and motor circuit analysis (off-line testing). The workshop will also incorporate hands-on training.

Dates: 26-28 August 2008

Contact: Val Verwer on 011 254 2200 or info@comtest.co.za

ANALYSING INPUTS, MAXIMISING OUTPUTS – TRAINING COURSE

Business and systems analysis assists an organisation to improve processing its functions and activities in order to reduce overall costs, provide more efficient use of scarce resources, and better support customers. AstroTech will be hosting a training programme in Johannesburg addressing the following:

- What is business analysis and systems analysis?
- User requirements analysis and definition.
- Modelling the business/system.
- Process modelling.
- Data modelling.
- Work flow modelling.
- Modelling tools and techniques.
- Structuring and validating user requirements.
- Facilitation and elicitation skills for business and systems analysis.
- Process flow analysis.
- New system modelling.
- Implementation strategies.
- Preparing and presenting recommendations.
- Documentation.
- Systems development lifecycles.
- JAD and RAD.

Dates: 27-29 August, 3-5 September 2008

Contact: Fuwaad, Riana, Alex or Tracy on 0861 278 768

SA Ex FLAMEPROOF COURSE INFORMATION 2008

This course focuses on flameproof enclosure and flameproof motors and is suitable for designers, end-users, repairers and maintenance personnel that work with motors in hazardous areas. The course costs R3 575-00 per person (discounts for more than 5 candidates per organisation applies). The course outline includes:

- Properties of flameproof equipment.
- Gas groups and flameproof equipment.
- Temperature classes of flameproof equipment.
- Application of flameproof equipment.
- Population of flameproof enclosures.
- Pressure piling.
- Accessories for flameproof equipment.
- Modifications to flameproof equipment.
- Marking of flameproof equipment.
- Maintenance and repair of flameproof equipment.
- Certification of flameproof equipment.

Dates: 27-28 August 2008

Venue: TBC

Contact: Marie van Niekerk 012 644 0997 or van-niekerkm@saexpl.co.za

OIL ANALYSIS AND MACHINERY AND LUBRICATION TRAINING 2008

Oil analysis courses for different levels will be presented in Johannesburg and Durban during 2008 by WearCheck

Africa. Machinery and Lubrication (MLA) courses will also be presented by WearCheck in joint venture with the ABB School of Maintenance.

12 August: WearCheck 1: Oil analysis orientation

13 August: WearCheck 2: Understanding oil analysis

14 August: WearCheck 3: Oil analysis report interpretation

15 August: WearCheck 4: Oil analysis management

Venue: WearCheck, Durban

6-8 October: Machinery & Lubrication: Level One

9-10 October: Machinery & Lubrication: Level Two

Venue: ABB School of Maintenance, Durban

14 October: WearCheck 1: Oil analysis orientation

15 October: WearCheck 2: Understanding oil analysis

16 October: WearCheck 3: Oil analysis report interpretation

17 October: WearCheck 4: Oil analysis management

Venue: WearCheck, Johannesburg

For all bookings phone Patrys Huggett at WearCheck on 011 392 6322.

IDC TECHNOLOGIES TRAINING 2008

Regions: Johannesburg, Durban and Richards Bay

Electrical drawings and schematics: 23-24 June (Jhb).

Practical fundamentals of HVAC for engineers and technicians: 7-8 July (Jhb), 10-11 July (Dbn).

Practical Hazops for engineers and technicians: 17-18 July (Jhb).

Operation and maintenance of diesel power generating plants: 21-22 July (Jhb), 17-18 July (Dbn).

Practical routers and switches – incl TCP/IP and Ethernet – for engineers and technicians: 28-29 July (Jhb).

Practical power distribution: 4-5 Aug (Jhb).

Fundamental of process plant layout and piping design: 11-12 Aug (Jhb).

Practical safety instrumentation and emergency shutdown systems for process industries: 14-15 Aug (Jhb).

Practical boiler control and instrumentation for engineers and technicians: 21-22 Aug (Jhb).

Practical distribution and substation automation – incl communications – for electrical power systems: 25-26 Aug (Jhb).

Region: Windhoek

Practical instrumentation for automation and process control: 30 Jun-1 July.

Practical troubleshooting of instrumentation, electrical and process control: 2-3 July.

Contact: 0800 114 160 or register@idc-online.com or Edwina@idc-online.com

PRACTICAL PROCESS CONTROL

Michael Brown is holding a series of courses on practical process control in Johannesburg starting from 18 July 2008. Courses include troubleshooting and loop tuning as well control techniques for more difficult processes. An introductory course for non-instrument people who work on process plants is also available.

Contact: Michael Brown on 011 486 0567 or Michael.brown@pixie.co.za