

CONFERENCES AND EXHIBITIONS

TOP NASA ENGINEER SHARES SPACE EXPLORATION VISION

The South African Institute of Electrical Engineers (SAIEE) has invited Caris 'Skip' Hatfield from the National Aeronautics and Space Administration (NASA), to deliver its 2007 Bernard Price Memorial lecture. Skip is the project manager at NASA on Project Orion, the new Crew Exploration Vehicle. This project is part of NASA's Constellation program to send human explorers back to the moon and beyond. Skip will be sharing NASA's space exploration vision in multimedia lecture presentations at various venues around the country.

- East London – 8 October 2007
- Port Elizabeth – 9 October 2007
- Johannesburg – 10 October 2007
- Durban – 11 October 2007
- Cape Town – 12 October 2007

Entrance is free of charge, but booking is essential. Details of times and venues, and booking information can be found on the SAIEE website at www.saiee.org.za.

ENERGY EFFICIENCY AT WORK

The second SAAE Convention is set to be held in October. The following keynote speakers have been scheduled: Anders Nordstrom, ABB; Anton-Louis Olivier, NuPlanet; Barry Bredenkamp, NEEA; Charlie Bhurtun, University of Mauritius; Edward Chikuni, Polytechnic University of Namibia; Ernst Unken, CPUT; Geoff Stiles, Marbek; Gustav Radloff, Energy Cybernetics; Henning Holm, Omnibus Engineering; Ian Lane, Energy Cybernetics; Jason Schaffler, Nano Energy; Tom Pringle, Masana BP; Mohammed Kahn, CPUT; Paul Rodzianko, Greenfuel Technologies; LJ Grobler, North West University; Rochelle Chetty, Eskom.

Date: 25-26 October 2007

Venue: Emperors Palace, Gauteng

Contact Erika Kruger (018) 293 1499 or convention@saae.org.za

ROTATING MACHINES CONFERENCE

This conference, hosted by LH Marthinussen, will focus on the total cost of ownership of rotating electrical machines.

Date: 17-19 September 2007

Venue: Kwa Maritane Bush Lodge Hotel

Contact Marie-Louise De Kok at (011) 615 6722 or marie@lhm.co.za

TECHNOLOGY INFRASTRUCTURE TO 2010 AND BEYOND

This three-day conference is hosted by IAC, local distributor of leading edge technology. The conference will focus on industrial communication and vision systems and is set to look at international trends.

The first two days will consist of papers and case studies presented by international speakers from the consortium looking after the soccer stadiums as well as Bombela, Anglo Platinum, De Beers and Lonmin Platinum. The third day will have technology demonstrations and hands-on workshops.

Date: 8-10 October 2007

Venue: St Georges Hotel, Pretoria

Contact burg@iacontrol.co.za

CSense USER CONFERENCE

End-users from mining and metals, food and beverage, pulp and paper, chemicals, petrochemical and discrete manufacturing industries—from North America, Europe, Australia and Southern Africa—are presenting their CSense success stories at this year's CSense Users' Conference.

An exciting range of packaged realtime applications will be launched at the conference. Announcements will also be made at the conference on global collaboration between

CSense Systems and globally leading HMI vendors at corporate level.

This conference is a must for production managers, process engineers, automation and control engineers, potential solutions partners, consultants and other process industry professionals.

Date: 15-17 October 2007

Venue: Leriba Lodge, Centurion

Register on-line at www.csensesystems.com or contact Michelle Giammartini at (011) 454 0176

SIEMENS TIA USER FORUM

This ground breaking automation event will be hosted by Siemens SA. It is the 7th Totally Integrated Automation User Forum held.

Attendees will gain insight into new technologies and experiences from Siemens, its partners and end-users. The forum incorporates the Cyber Junkyard tertiary institution competition.

Date: 22-24 October 2007

Venue: Birchwood Conference Centre

Contact Hentie Dirker on (011) 652 3664 or hentie.dirker@siemens.com

THE BUSINESS OF BASICS

At the 2007 Adroit Technologies User Group the company will be unveiling the new Adroit 7.0, VIZNET 2008 and OPUS 3.01, as well as taking a fresh look at blending technology, business and Adroit's software, to give users solutions focused products. The theme 'The business of basics' was chosen to demonstrate how users can derive the most out of their existing software.

Date: 26-27 September 2007

Venue: Microsoft Corporation head office in Johannesburg

To book for the event visit the Adroit Technologies website on www.adroit.co.za or call (011) 658 8100.

CONTINUING EDUCATION

FUNDAMENTALS OF MATERIALS AND OPERATIONS MANAGEMENT

This new education programme is aimed at newcomers to the field of materials and operations management and has been launched by SAPICS, the Association for Operations Management of Southern Africa. The course has four modules:

- Fundamentals of inventory control
- Fundamentals of planning
- Fundamentals of manufacturing control
- Fundamentals of operations management

The course is suitable for professionals involved in inventory and manufacturing control, planning and operations, including planners and supervisors working in these areas, as well as new entrants to this dynamic business and people aligned to the field. If you need a greater understanding of how your job affects the production and on-time delivery of products to customers, this course is for you.

Contact Jenny Froome at 011 805 5677 or email jenny@sapics.org.za.

NUMERICAL PROTECTION OF TRANSMISSION AND DISTRIBUTION NETWORKS

This course, presented by Prof Peter Crossley from the University of Manchester, provides you with an opportunity to understand how symmetrical and asymmetrical faults affect electrical power networks and the calculating procedures necessary to determine phase and earth fault currents. You will gain a sound understanding of the principles and design techniques used to

select, apply and grade fuses and over current relays. You will also learn how and when to apply protection to lines, busbars, cables, transformers and generators.

The course is designed to help engineers increase their knowledge about the protection of distribution networks. It will ensure delegates have the practical skills necessary for completing a co-ordination study and can evaluate short circuit and earth fault currents flowing in networks supplied from a utility grid and local co-generation.

Date: 20-21 September 2007

Venue: Victoria Alfred Hotel, Cape Town

To register visit <http://active.cput.ac.za/energy> or email due@cput.ac.za tel (021) 460 3658.

ENERGY MANAGEMENT WORKSHOP

An energy program is a critical requirement in order to understand where and when energy is consumed. To respond appropriately to outputs from an energy program with respect to inefficiency and anomalies an energy policy is required. This course gives the specifics of these two elements in order for the attendees to build their own energy management strategy. The strategy is a comprehensive way to ensure responsible and efficient use of energy. Such a strategy is unique to each environment and so this course gives the building blocks required to develop a site-specific energy strategy.

This energy management workshop has been registered with ECSA for two CPD credits and will be presented by Dr I Boake, PrEng, PhD, CEM.

Date: 23-24 October 2007

Venue: The Wanderers Club, Illovo
Contact Angelique Grobler at Ripple Training on (012) 678 4800.

CITECT TRAINING SCHEDULE 2007

The following courses will be presented:

Citect HMI/SCADA Basic Configuration:

1-3 Oct, 5-7 Nov, 3-5 Dec

CiCode Fundamentals: 8-9 Nov

CitectSCADA Intermediate Networking:

4-5 Oct, 6-7 Dec

CitectSCADA Advanced Configuration:

8-10 Oct

CitectSCADA Reports: 11-13 Sep

Ampla Performance: 12-13 Nov

Ampla Client: 15 Nov

CCE Examination: 30 Oct

Contact Jannine Fortune (011) 699 6600 or jannine.fortune@citect.com.

ENERGY TRAINING FOUNDATION SCHEDULE FOR 2007

15-19 October 2007:

- Certified Energy Management Training Course (CEM)

16-19 October 2007:

- Energy Audit Training Course (EAT)
- Industrial Energy Management Training Course (IEMT)

25 October 2007:

- CEM and CMVP Award Ceremony and SAAE Banquet

Contact Christina den Heijer at christina@event-training.co.za or call 018 294 7174.