



Automation & Power World Africa
11 - 12 November 2009

Power and productivity
for a better world™



Welcome to Automation and Power World 2009 in Africa

The Automation and Power World 2009 in Africa customer event programme is flexible and easy to use. You can quickly design your own custom-made programme to suit your needs. The booklet has all the sessions for the two days. We invite you to choose the sessions of most interest to you, selecting topics that will give your business a winning edge.

Each session is about 30 minutes and allows time at the end for questions. After the session you may want to hold an in-depth discussion with the ABB expert who presented or one of our local representatives on hand.

Popular sessions are being repeated.

Between sessions will be 15-minute periods for refreshments and networking.

Enjoy all the event has to offer to bring you up to date with the very latest in automation and power technologies.

Call Tamara Chetty on (010) 202 5093 if you have any queries or visit www.abb.com/za and click on the Automation and Power World 2009 icon.

Register now to avoid disappointment.

ABB looks forward to hosting you.

The total session duration is 45 minutes:

- **Presentation duration: 30min**
- **Q&A: 15min**

Each break-out room to have an MC

15 minutes will be allocated after each session to change rooms and refresh

Day 1

11 November - Main auditorium

9:00 - 9:15	Opening session by Carlos Poñe - CEO & Country Manager South Africa
9:15 - 10:00	Keynote address by JP Landman

Breakaway room 1 - Utilities

10:15-11:00	Developments in utility communication from an ABB perspective	Gavin Sadler
11:15-12:00	Improved utilisation with substation automation	Stuart Michie
12:15- 13:00	Prevention of transformer and generator damages by using generator circuit breaker	Thomas Leimgruber
	LUNCH	
14:00- 14:45	Power Gen 800X A: Plant alarm management	Tony Abelho
15:00- 15:45	Smart grids: Responding to future needs today	Bazmi Hussein
16:00-16:45	RTU560 outlook	Bruce Webster
18:00	Networking cocktail event	

Breakaway room 2 - Technology and product updates

10:15-11:00	Advanced technologies in low voltage breakers	Enrico Ragaini
11:15-12:00	Advanced motor protection control products	Helmut Schönfelder
12:15- 13:00	Advanced contactor technology - STAR launch	Graham Abrahams
	LUNCH	
14:00- 14:45	Enclosure solutions for the African market	Vito Di Mola
15:00- 15:45	New MNS iS intelligent motor control system	Percy Isaac
16:00-16:45	Electrical motors and generators	Jonas Spoorendonk
18:00	Networking cocktail event	

Breakaway room 3 - Process industries

10:15-11:00	CASE STUDY: ABB helping Vale Inco create "the mine of the future" (case study with customer)	Per Wanland
11:15-12:00	PAS - Process analytical system	Andy Hardwick
12:15- 13:00	Total plant solution in mineral & mining industry	Erik Pretorius & Max Luedtke
	LUNCH	
14:00- 14:45	Hoisting applications and energy storage systems for mine winders	Mikael Grage & Tim Gartner
15:00- 15:45	GMD and drive applications for mineral process	Daniel Franco
16:00-16:45	Rolling mill applications	Mark Fenton
18:00	Networking cocktail event	

Breakaway room 4 - Process industries

10:15-11:00	Collaborative manufacturing: Managing the complex manufacturing environment	John McIntosh
11:15-12:00	Integrated electrical and automation systems: oil, gas and petrochemical industries	Andrew Gough
12:15- 13:00	Considerations when selecting a safety system	Kristian Olsson
	LUNCH	
14:00- 14:45	Advanced controls pulp mill: Advanced process control for increased productivity	Lars Ledung
15:00- 15:45	Non contacting caliper measurement	Steve St Jarre
16:00-16:45	World first micro DCS	Elmar Vogt
18:00	Networking cocktail event	

Breakaway room 5 - Process industries

10:15-11:00	ABB in the automation arena	Hakan Nytorp
11:15-12:00	Improving and optimizing plant performance in mining and mineral industries	Thomas Marx
12:15- 13:00	Ehouse - Industrial powerhouse: Solution for portable and reliable power and process control	Sebastian Wysocki
	LUNCH	
14:00- 14:45	Energy efficient DC arc furnaces with increased productivity	Shripad Tambe and Råto Stadler
15:00- 15:45	LV active filters cost of and solutions to poor power quality	Kurt Schipman
16:00-16:45	Well head automation in smartfields	George Quesada
18:00	Networking cocktail event	

Breakaway room 6 - Renewables and energy efficient solutions

10:15-11:00	Energy and carbon efficiency for sustainable mining	Ian Langridge
11:15-12:00	Energy efficiency (service): Consulting	Chris Helm
12:15- 13:00	Energy efficiency for the building sector - discover the full potential of your buliding	Thorsten Reibel
	LUNCH	
14:00- 14:45	Energy efficiency in industries: The importance of motors and drives	Jussi Rautee
15:00- 15:45	Products that help reduce emissions at powerplants: Power plant optimisation and Nox reduction made easy	Charles Blackbeard
16:00-16:45	From the breeze to the grid: Wind farm applications (Transformers designed for wind application / maximise the availability of your turbines and your wind farm systems)	Gabriele Luckey
18:00	Networking cocktail event	

Breakaway room 7 - Renewables and energy efficient solutions

10:15-11:00	ESKOM presentation	Erica Johnson
11:15-12:00	HVDC Light technology – major developments	Bjorn Jacobson
12:15- 13:00	Caprivi Link – new technology steps with HVDC Light	Bjorn Jacobson
	LUNCH	
14:00- 14:45	HVDC Classic, review of earlier development and visions for the future	Birger Jonsson
15:00- 15:45	Case study: Upgrade of the Apollo HVDC Converter Station	Birger Jonsson
16:00-16:45	Improved power quality and energy savings with lower losses (FACTS, HVDC, transformers etc.)	Göran Strömberg (TBC)
18:00	Networking cocktail event	

Breakaway room 8 - Discrete manufacturing

10:15-11:00	Introduction to robotics: Robots - your best working colleague (training)	Theo du Plooy
11:15-12:00	Robotics: The value of remote service	Rene Nispeling
12:15-13:00	Robotising the consumer industry: Picking & palletizing - productivity combined with health & safety (workshop)	Peter Cuypers
	LUNCH	
14:00-14:45	Robot Studio - offline program (workshop). Why do we not use typewriters anymore?	Theo du Plooy/ Robin Schell
15:00-15:45	Robotics for alternative energy	Carsten Busch
16:00-16:45	Safe move - the next generation in robot safety / human and robotic interaction	Mats Myhr
18:00	Networking cocktail event	

Breakaway room 9 - Service

10:15-11:00	Condition monitoring	Pierre de Villiers
11:15-12:00	Maintaining HV and MV Switchgear reliability and availability	Stephen Pearce
12:15-13:00	Full Service Partnership Process and Benefits Productivity & Reliability - feasibility study	Magnus Savenas
	LUNCH	
14:00-14:45	Operational excellence	Nick Burnham
15:00-15:45	Service offerings and solutions for drives	Jurki Luomi
18:00	Networking Cocktail event	

Breakaway room 10 - Technology and product updates

10:15-11:00	Introduction to HV products	Chris de Kock
11:15-12:00	HVDC 800 kV transformer	Matsberg Lund
12:15- 13:00	Channel partner network: Wholesalers and technical partners	Vrishabhendra Swamy
	LUNCH	
14:00- 14:45	ABB launches a new series of general purpose medium voltage drives	Thomas Schmager
15:00- 15:45	Energy savings equals "free" drives!	Howard Dunn
16:00-16:45	Preventative maintenance on DA protection relays (SPACOM)	Dave Park
18:00	Networking cocktail event	

Day 2

12 November - Main auditorium

9:00 - 9:15	Opening session
9:15 - 10:00	Keynote address by Thembani Bukula - Regulator Member (NERSA)

Breakaway room 1 - Utilities

10:00 -10:45	ABB's experience in water and waste water	Surendra Muppana
11:00 -11:45	ABB's offering in power generation (incl. 800xA, Opti-max, eBOP)	Rivash Maharaj
12:00 -12:45	Use of multifunctional transformers for contingency planning: Polytransformers and Universal GSU transformers	Miguel Oliva / Lorenzo Prieto
	LUNCH	
14:00-15:45	African entertainment	
16:00-18:00	ABB Longmeadow Inauguration ceremony - ABB's group CEO Joe Hogan to attend	

Breakaway room 2 - Service

10:00 -10:45	Are your transformer assets healthy or do they need intensive care?	Stephen Pearce
11:00 -11:45	Life Expectancy Analysis Program - LEAP for machines	Cajetan Pinto
12:00 -12:45	Integrity management	Brian Hudson
	LUNCH	
14:00-15:45	African entertainment	
16:00-18:00	ABB Longmeadow Inauguration ceremony - ABB's group CEO Joe Hogan to attend	

Breakaway room 3 - Technology and product updates

10:00 -11:45	Understanding pressure and temperature measurement technology and applications	Leo Franken and Andrea Biagini
12:00 -12:45	Understanding flow measurement technology and applications	Steve Dickson
	LUNCH	
14:00-15:45	African entertainment	
16:00-18:00	ABB Longmeadow Inauguration ceremony - ABB's group CEO Joe Hogan to attend	

Breakaway room 4 - Technology and product updates

10:00 -10:45	New ABB LV motors product platform	Marthinus Greeff / Andrea Lampugnani
11:00 -11:45	Innovative solutions for a substation	TBC
12:00 -12:45	Relay School: Theory of arc flash hazard and the REA	Dave Park
	LUNCH	
14:00-15:45	African entertainment	
16:00-18:00	ABB Longmeadow Inauguration ceremony - ABB's group CEO Joe Hogan to attend	

Breakaway room 5 - Utilities

10:00 -10:45	Latest generator excitation technology – Positive impact on power plant availability and network stability	Hans-Joerg Herzog
11:00 -11:45	Distribution products: MV solutions for modern distribution systems to include Relion family	Dave Park
12:00 -12:45	Introduction to power plants electrical systems	Tony Abelho
	LUNCH	
14:00-15:45	African entertainment	
16:00-18:00	ABB Longmeadow Inauguration ceremony - ABB's group CEO Joe Hogan to attend	

Breakaway room 6 - Utilities

10:00 -10:45	Using STATCOM to meet grid code requirements - grid reliability and using different methods	Christopher de Kock
11:00 -11:45	Network manager	Rui Silva
12:00 -12:45	Operator safety & IEC 62271-200 switchgear	Karsten Hauck
	LUNCH	
14:00-15:45	African entertainment	
16:00-18:00	ABB Longmeadow Inauguration ceremony - ABB's group CEO Joe Hogan to attend	

Breakaway room 7 - Utilities

10:00 -10:45	MV switchgear overview	Bryan Johnson
11:00 -11:45	SF6 gas management for safety and environmental benefit. CASE STUDY: 100kV GIS - Case in China	Hans Dieter Schlemper
12:00 -12:45	Substations & power distribution for industrial applications	TBC
	LUNCH	
14:00-15:45	African entertainment	
16:00-18:00	ABB Longmeadow Inauguration ceremony - ABB's group CEO Joe Hogan to attend	

Breakaway room 8 - Technology and product updates

10:00 -10:45	Power asset monitoring	Johan-Petter Victorin
11:00 -11:45	Enclosed isolators - industrial switches	Derek Sleep
12:00 -12:45	Turbocharging and marines	TBC
	LUNCH	
14:00-15:45	African entertainment	
16:00-18:00	ABB Longmeadow Inauguration ceremony - ABB's group CEO Joe Hogan to attend	

Breakaway room 9 - Technology and product updates

10:00 -10:45	ABB Dry Type Transformers raises efficiency and power levels to new heights	Gabriele Luckey
11:00 -11:45	Shunt Reactors - general presentation about ABBs shunt reactors,technology and aplications	Claes Bengtsson
12:00 -12:45	Circuit Breaker Technology made easy- transmission (HV) , distribution (MV)	Mike de Swart
	LUNCH	
14:00-15:45	African entertainment	
16:00-18:00	ABB Longmeadow Inauguration ceremony - ABB's group CEO Joe Hogan to attend	

Breakaway room 10 - Technology and product updates

10:00 -10:45	CASE STUDY: Arcwelding case studies Afrit / Universal	David Green
11:00 -11:45	IS Limiter	Karl-Heinz Hartung
12:00 -12:45	The world of power transformer components will never be the same	Hakan S Dahlen
	LUNCH	
14:00-15:45	African entertainment	
16:00-18:00	ABB Longmeadow Inauguration ceremony - ABB's group CEO Joe Hogan to attend	

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