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AFRICA

A NEW IMMERSIVE **INDUSTRIAL AUTOMATION TECHNOLOGY** EXPERIENCE

9-11 MAY 2023
GALLAGHER CONVENTION
CENTRE, JOHANNESBURG,
SOUTH AFRICA

www.africaautomationtechnologyfair.com

Built by



DAY 1

DAY 2

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AATF CONNECT

Africa Automation Technology Fair hosted at Gallagher Convention Centre, Johannesburg from 9 – 11 May 2023, are proud to bring you "**Connect**" – a platform that will showcase not only the latest technology within these industries, but also promises to discuss the enormous challenges and opportunities we face within our country and continent.

OUR MODERATOR AND EXPERTS INCLUDE:



Chris Yelland
Energy Expert
and MD, EE
Business Solutions



Dr Dilley Naidoo
Chief Vision Officer,
Madala &
Associates



Dhevan Pillay
Group CEO, LTM
Energy



Dr Anthony Turton
Professor, Centre
for Environmental
Management,
University of Free
State



Prof Hamanth Kasan
Director, RockBlue
Foundation



Benoit Le Roy
Founding Member &
CEO, South African
Water Chamber NPC



Claudio Ranaudo
Senior VP, Digital
Industries, Siemens
Sub Sahara Africa



DAY 1: TUESDAY, 9 MAY 2023

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The first morning will delve deep into the energy and water crises we face in SA by giving our impressive line-up of speakers and panellists the opportunity to share their views on the real and current state of affairs, as well as their input on how to potentially and practically overcome these obstacles.

- 08:00 - 09:00** **Registration**
- 09:00 - 09:15** **Setting the Scene: The Energy Crisis in SA - The REAL Scenario - Implications and Interventions**
Opening Address: Aki Anastasiou
- 09:15 - 09:45** **Key Note Address:** The procurement of new generation capacity; Easing of distributed generation regulations and new legislation; Incentivising investment in rooftop solar through feed-in tariffs; Improving the performance of Eskom's existing power stations; The fundamental transformation of the electricity sector.
Chris Yelland, Managing Director, EE Business Solutions
- 09:45 - 10:00** **Individual View of the Current State of Affairs and Key Solutions to the Energy Crisis**
Dilley Naidoo, Chief Vision Officer, Madala & Associates
- 10:00 - 10:15** **Individual View of the Current State of Affairs and Key Solutions to the Energy Crisis**
Dhevan Pillay, CEO, LTM Energy
- 10:15 - 11:00** **Comfort Break**
- 11:00 - 12:30** **Interactive Panel Discussion**
A Moderated session where Panellists & the Audience will be led through an exchange of comments, questions and ideas, expanding on topics, asking the serious questions and drilling down answers, that may fall a little short of expectations!.
Panel: Chris Yelland, Dilley Naidoo, Dhevan Pillay.
Moderated by Aki Anastasiou
- 12:30 - 14:00** **Comfort Break and Exhibition Walkabout**

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14:00 - 14:15

Setting the Scene: The Water Crisis in SA - The REAL Picture, Where Next?

Dr Anthony Turton, Professor, Centre for Environmental Management, University of Free State

14:15 - 14:45

Key Note Address: The National Development Plan (NDP) has clear, defined milestones to achieve its 2030 objectives. Some of the milestones and objectives to be discussed at AATF Connect include: Ensuring that all South Africans have access to clean running water in their homes; Realising a food trade surplus with one-third produced by small-scale farmers or households; Ensuring household food and nutrition security - None of these goals will be met without secure access to water.

Dr Anthony Turton, Professor, Centre for Environmental Management, University of Free State

14:45 - 15:00

Individual View: The Water Crisis in SA - The REAL Picture, Where Next?

Prof Hamanth Kasan, Director, RockBlue Foundation

15:00 - 15:15

Individual View: The Water Crisis in SA - The REAL Picture, Where Next?

Benoit Le Roy, Founding Member & CEO, SA Water Chamber

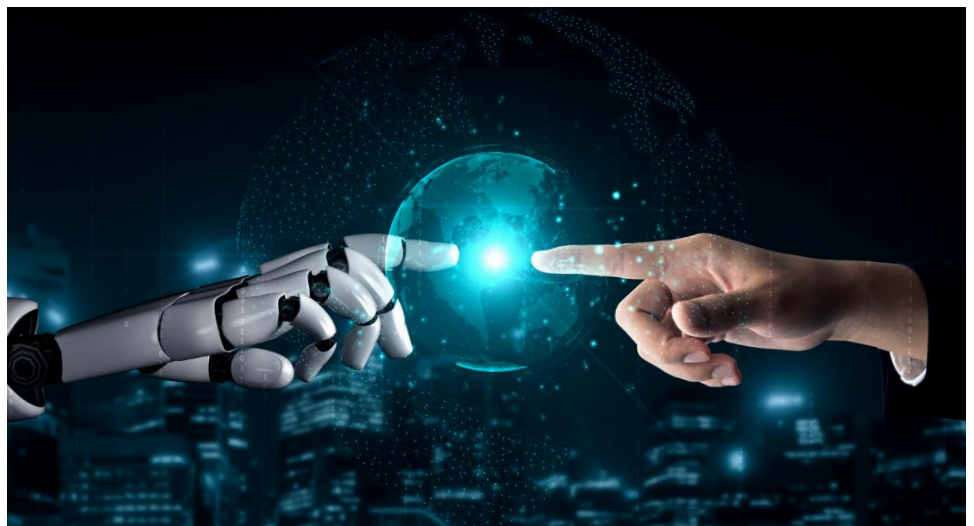
15:15 - 16:00

Interactive Panel Discussion

Panel: Dr Anthony Turton, Prof Hamanth Kasan, Benoit Le Roy, Claudio Ranaudo. **Moderated by:** Claudio Ranaudo

16:00

Summing up, conclusions and close of Day 1



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OUR EXPERTS INCLUDE:



Sean Ammon
Managing
Director, CIBA
South Africa



**Brendan van
Staaden**
Managing
Executive, MoData
Interactive



Terence Singh
Director, Ruhi
Consulting



Anne Gray
Managing
Director,
Solutioneers



Johan Steyn
Managing
Executive, AI for
Business



Dave Wibberley
MD, Mitsubishi
Electric-Factory
Automation SA



Martin Fernandes,
Business Development
Manager, OT Africa,
Fortinet

DAY 2: WEDNESDAY, 10 MAY 2023

Intelligent Automation

Intelligent Automation, also known as Cognitive Automation, is basically a combination of next-gen technologies like Artificial Intelligence, Business Process Management, and Robotic Process Automation.

Besides these, Intelligent Automation also leverages technologies like Analytics, Machine Learning, Deep Learning and Natural Language Processing.



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Combining these technologies together has enabled Intelligent Automation to deliver some of the most advanced solutions that modern business leaders are using. Intelligent Automation is quite different from other forms of Automation, but the growing technology is making big waves and has the potential to make the most significant impact on the organisations' growth and development cycle.

Current Intelligent Automation trends are being extensively used by businesses to produce and process vast amounts of data, automate end-to-end operations, and make tasks faster and more efficient.



08:00 - 09:00

Registration

09:00 - 09:15

Setting the Scene: Intelligent Automation - The Future Intelligent Automation, also known as Cognitive Automation - a combination of next-gen technologies like Artificial Intelligence, Business Process Management, and Robotic Process Automation.

Dave Wibberley, Managing Director, Mitsubishi Electric-Factory Automation Sub-Saharan Africa

09:15 - 09:50

The Automated Production Pipeline - Sustainable Automation through Process Assessment and Discovery:

Companies are adopting and scaling IA to efficiently handle employees and processes. Process discovery and assessment toolsets offer actionable insights to make informed decisions, prioritise processes and create an Automation Production Pipeline, that will delivery real business benefits.

Sean Ammon, Founder & Managing Director, CIBA (Africa & Europe)

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09:50 - 10:30

The Rise of Collaborative Robots: Collaborative robots are also known as cohorts that are directed to interact with humans in a shared professional environment. Starting from lifting heavy weights in warehouses to intelligently removing assembly lines, these bots are efficiently handling all small and largesized companies. In 2023, it is expected that the adoption rate of these robots will significantly increase across industries.

Dave Wibberley, Managing Director, Mitsubishi Electric-Factory Automation Sub-Saharan Africa

10:30 - 11:00

Comfort Break

11:00 - 11:40

Drive end-to-end Digital Process Automation enabling continuous Improvements and Innovation:

Business Process Automation Platforms enable enterprise-wide digital transformation. It can automate simple to complex processes, bridge organisational silos, and reinvent operations, while driving continuous process improvement. In this session we will cover artificial intelligence (AI), machine learning (ML), analytics, multi-experience apps, omnichannel communication, and cloud-native architecture. Managing the application lifecycle with integrated DevOps, empowering you with a platform-based, modelling-driven environment to design and develop unified processes and applications.

Brendan van Staaden, Managing Executive, MoData Interactive

11:40 - 12:20

Secure OT/IT Network convergence

Fortinet - Maxtec

OT breaches are now commonplace across all industry sectors and the consequences can be costly. In this session we will look at how Fortinet's world class security fabric and services can help secure OT systems in a time of rapid threat evolution and global cybersecurity skill shortages.

Martin Fernandes, Business Development Manager, OT Africa, Fortinet

12:20 - 12:50

Understanding AI, Generative AI and is there a difference? - What is AI? What is Generative AI? And is there a difference?

What the main areas it touches: Text/Images/Audio/Video/Data; General applications – examples of ChatGPT cover letter + DALL-E art; Specific application to engineers: Custom Software Engineering – writing code; Product Design and Development – designing better products; Building and construction – architecture and structural design; Automation of design process; Risks and Ethics around AI; Future trends on generative AI.

Terence Singh, Director, Ruhi Consulting



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13:00 - 14:30

Comfort Break and Exhibition Walkabout

14:30 - 15:10

Focus on SMB's - Faster Adoption of Intelligent Automation:

An increasing number of SMBs are getting interested in adopting digital technologies, with the most prominent use case being process optimization. With more affordable automation options available in the market, SMBs can now avail these options to reduce costs, improve customer service and improve competitiveness.

Anne Gray, Managing Director, Solutioneers

15:10 - 15:50

The Convergence of NLP technology, Conversational AI and Intelligent Automation:

Intelligent automation focuses on a plethora of technologies with robotic process automation being the centre. Intelligent automation leaders are speculated to widen their horizon of IA utility and include NLP and conversational AI tools. The benefits of NLP and conversational AI are opening up a wide array of opportunities.

Johan Steyn, Managing Executive, AI for Business

16:00

Summing up, conclusions and close of Day 2



Event Partner:

FORTINET

|  **maxtec**



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Tickets are available through the our bookings website
aaff.showhub.live

Pricing as follows:

For a two day ticket: R1950.00

For day one only: R1300.00

For day two: R900.00

Prices exclude VAT

For more information please contact:

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