



South African Institute of
Occupational Safety and Health
Verified - 5 CPD Points

AFRICA OCCUPATIONAL SAFETY & HEALTH TECHNOLOGIES CONFERENCE



30 NOVEMBER-02 DECEMBER 2022, EMPERORS PALACE, JHB

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Dr Eiddie FRANCKE Get Franck	Natashia BARNABAS Workforce Staffing	Justin NASH IRCA Global	Dr Jonatha DAVY EGSSA	John BOTHA Global Risk Solutions	Neil FRANKLIN AECI	Brent PROCTOR Campus Risk Consulting



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**South African Institute of
Occupational Safety and Health**

This is to certify that the

**AFRICA OCCUPATIONAL SAFETY &
HEALTH TECHNOLOGIES
CONFERENCE 2022**

as offered by

Bussynet Advanced Trading

*is verified by Saioosh as meeting the
academic requirements for*

5 CPD Points



National Registrar



01 March 2023

Expiry Date

*Saioosh is recognised by SAQA as a Professional Body for
Occupational Health and Safety in terms of the NQF Act, Act 67 of 2008*

GETTING TO ZERO HARM...

Background

Bussynet Advanced Trading's Occupational Safety and Health Technologies Conference is back at the Emperors Palace Convention Centre in Johannesburg, South Africa. **To be held from the 30th of November until the 2nd of December 2022**, this year's conference will dive deeper into the benefits of using technological applications in keeping workers safe in their respective industries. Obviously, safety directors and officers have had to consider new workplace safety measures following the Covid pandemic and at the conference, we will discuss these issues and how the workplace changed as physical contact with work colleagues reduced.

Besides, with the climate threat now apparent for all – as evidenced by the recent cyclone and flood disasters in Zimbabwe and Mozambique – we will explore what corporations can do to help keep their surrounding environments safe for the whole ecosystem. Sustainable growth by corporations is becoming more urgent by the day, as corporate are required to live in harmony with their surrounding nature.

Among other topics, this year, we will focus on the following:

- AI and Virtual reality in OHS
- Wearable safety and health technology
- Safety and Health technologies for sedentary jobs
- Predictive health and safety technology
- Sustainability and the quest for zero harm in industries
- Latest in safety and health requirements and the law
- The future of work and implications for employee wellness

We will also discuss industries most vulnerable to OHS risk, and how they can high standards for health and safety in their respective fields; the conference offers an opportunity to discuss key developments, skills and training and lessons learned – all of which are needed for continuous, industry-wide improvement. It also offers an opportunity for leading practitioners in Health and Safety to come together to network with fellow industry peers and learn from and exchange ideas with those driving change and improvement throughout the sector.

Objectives

- To explore new technologies to improve occupational safety
- To assess compliance with safety standards in the workplace
- To explore new technologies that improve occupational safety
- To assess compliance with safety standards in the workplace
- To examine how drug abuse can affect mental well-being and occupational safety and health
- To check how organisations are keeping up with the latest ISO standards on safety standards

Target Audience

- CEO
- Directors
- Assistant CEO
- Other Chief Officers Appointed
- Managers; Supervisors etc.
- Responsible Employee or Operator Accidents
- Occupational health and safety professionals
- Transportation staff
- Researchers, road safety experts
- Freight and heavy vehicle professionals
- Science and technology organizations
- Medical professionals
- Original Equipment Manufacturers
- Occupational Healthcare Professionals
- Healthcare Administrators,
- Data Analyst,
- Occupational Health Physicians,
- Occupational Healthcare Consultants
- Occupational Health Practitioners
- Occupational Healthcare Specialists,
- Occupational Health Business Providers
- Occupational Healthcare Nursing
- Occupational Healthcare Societies,
- Occupational Healthcare Organizations
- Fire Safety Specialists
- Occupational Health Management Specialists
- Occupational Health Therapists
- Occupational Health Economists
- Occupational Health Risk Assessors
- Social Workers
- Occupational Health Surveillance
- Occupational Health Service Providers
- Policy Makers
- Ergonomists
- SHEQ Management Experts
- Safety Engineer
- Safety Consultant
- Coordinator of Loss Control
- Safety Manager
- Risk Manager
- Loss Control Manager
- Environmental Engineer
- Safety Director
- Vice President Safety and Health
- Hazard Control Specialist
- Environmental Safety Engineer
- Injury Prevention Specialist
- Corporate Safety Director
- Safety Compliance Officer
- Safety & Training Specialist
- Product Safety Engineer
- Risk Control Specialist
- Occupational Health and Safety (OHS) Inspector
- Health and Safety Practitioner
- Industrial Hygienist
- Environmental Protection Officer
- Environmental Health and Safety Advisor
- Compliance Officer
- Wellness Specialist
- Chief Safety Officer
- Mine Examiner
- SHE Officer

Areas of Discussion

- Air pollutants
- Alcohol and drugs
- Conveyors
- Corrosion
- Driver safety
- Electrical safety
- Fire dangers
- Safety clothing
- Mental wellness
- Job hazard analysis
- Machine safety
- Respiratory protection

A Word from past Delegates

RAND WATER (RSA): Will recommend other companies to attend

MIMOSA (ZIMBABWE): Fantastic Conference

INYATSI CONSTRUCTION (SWAZILAND): Great event!

BANK OF MOZAMBIQUE: Some really good insights from the speakers. The event was top notch

Water Utilities Company Botswana: We had a really great time!

DRAFT PROGRAMME

DAY 1 30 NOVEMBER, 2022

07:30 Registration

08:45 Opening Remarks

09:00 The state of health and safety technology in Africa

- What technologies hold the most promise?
- How can we map our risk factors to these solutions?
- How to use technology to achieve Zero-harm goals in the workplace

Speaker: Brent Proctor: CEO: Campus Risk Solutions

09:45 KEYNOTE: COVID-19 and its impact on workplace safety and health

- Obligations for employers in respect of COVID-19 and workplace safety
- Responsibilities for businesses with respect to their size
- Symptom screening, social distancing and sanitisation
- Work environments where employees interact with members of the public
- Rights of employees with respect to COVID in the workplace
- Strategies for moving from the pandemic in the workplace

Speaker: John Botha: CEO: Global Business Consulting

10:30 Mid-Morning Break

11:00 KEYNOTE: The future of work: Implications for occupational health and worker well-being

- How latest technological advancements will shape future work environments
- What hazards are likely to occur?
- How will workforce demographics shift and how will this affect safety and health?
- Health conditions that will become more prevalent
- Connected safety and health technologies that are changing safety and health in the workplace today
- How new technologies help on compliance with workplace safety regulations

Speaker: Dr Ehi Iden: President: OSHA Africa

12:30 LUNCH

13:30 Overcoming the challenges of adopting occupational safety and health technologies

- What does a successful safety technology road map look like?
- Transformation strategies and stakeholder involvement

Speaker: Justin Nash: Managing Director: IRCA Global

14:15 Latest trends in personal protection

- Wearable and sensor technology for safety
- Protective clothing technology
- Personal protection technology in the wake of the pandemic

Speaker: Sanjay Munnoo: Chief Business Development Officer: FEM

15:00 Closing Remarks: End of Day 1

DAY 2 01 DECEMBER 2022

08:45 Opening Remarks

09:00 Advancing opportunities for decent work and enhancing dialogue for a safety culture in the work environment

- Responsibilities of all stakeholders in promoting safety standards
- Identifying the important issues for safety and health in the workplace today
- Occupational Safety and Health Inspections
- Workplace health promotion and well-being

Invited Speaker: Peneyambeko Munkawa: OSH Specialist: ILO

09:45 Industrial automation and workplace safety

- Navigating the working relations between humans and robots
- Safety training in heavy industry environments
- Connected safety and health technology applications
- AI, virtual reality and the future of workplace safety
- Boosting worker safety with AI
- Ensuring compliance with safety regulations with IoT

Speaker: Vedanta-Zinc International

10:30 Mid-morning Break

11:00 Managing and Maintaining Mental Wellness

- Mental wellness as part of the HSE agenda of companies
- Providing assistance to managers and employees to manage and maintain mental wellness
- Why mental wellness is often neglected because of a lack of understanding and the sensitivity around the topic
- Training as an aspect of solutions to the issue of mental wellness in the workplace
- Digital platforms to facilitate the managing and maintaining of mental wellness
- Holistic and sustainable solutions incorporating trainers, psychologists, counsellors and HR practitioners that understand mental wellness.

Speaker: Dr Deonie Botha: Lead; Innovation & Research: Safety Cloud

Speaker: Dr Eiddie Franke: CEO: Get Franck

11:45 Driving the agenda of Zer-Harm in the mining and construction industries

- Proactive OHS skills that promote zero injuries and fatalities in heavy industrial environments
- Safety issues in the mining and construction industries that impact on the industries' ability to achieve zero-harm goals
- Achieving zero-harm through changing the safety culture in the workplace - a holistic approach from industry stakeholders
- Getting to Zero-Harm - The AECI Story

Speaker: Neil Franklin: Group Safety, Health & Environment Manager: AECI

12:30 LUNCH

13:30 The behavioural response of the worker to new technology

- Why do humans resist new technology?
- Why do people resist OHS programmes and new methodologies, in spite of the obvious advantages?
- How to manage the implementation of technological changes in the workplace

Speaker: Joep Joubert: National Technical Manager: ComPrac

14:15 Sedentary Jobs: How to Minimize the Health Risks

- Understanding the value and benefits of ergonomics
- Latest measures to reduce musculoskeletal disorders
- Sleep deprivation and related effects

Speaker: Dr Jonathan Davy: President: Ergonomics Society of South Africa

15:15 Closing Remarks: End of Day 2

DAY 3 02 DECEMBER 2022

08:20 Opening Remarks

08:30 Safety culture, sustainability and climate change; a case study of the mining industry

- Cultivating leaders who understand the need for promoting a safety culture in the in the age of climate uncertainties
- Climate change, sustainable growth and workplace safety
- Responsibilities of CEOs and corporate leadership with regards to safety and health

Speaker: Dr Abednego Chigwada: Director: ABE Risk Solutions

10:00 Mid-morning Break

10:30 Predictive safety analytics in the workplace

- Behaviour-based safety
- Job hazard analysis
- Technology that can assist in understanding fatigue and assisting in preventing injuries
- Virtual reality and the future of workplace health and safety training

Speaker: Professor Wim Delva: Founder & Managing Director: Wimmy

11:30 Compliance with safety rules and regulations

- Staying abreast with world safety regulations
- Hazard communication
- Ladders and scaffolding
- Respiratory protection
- Protective equipment

Speaker: Natasha Barnabas: Industrial Relations Manager: Workforce Staffing

12:00 Safety during a recession/downturn economic environments

- Considerations for the safety of workers and work environments in economically turbulent times
- Determining disaster risk factors

Speaker: Neville Dick: Founder: OSHE-Pro Services

12:45 Closing Remarks: LUNCH: End of proceedings