

# THE SOUTHERN AFRICAN INSTITUTE FOR OCCUPATIONAL HYGIENE



## VIRTUAL ANNUAL CONFERENCE 2021

DRAFT PROGRAMME

Theme:

**“Navigating Occupational Hygiene in uncharted waters”**



### SAIOH SESSION 1 – NIOH Zoom Platform

#### Global trends and envisioned futures that could affect the field of occupational hygiene

**DATE:** 18 October 2021

**TIME:** 14:00 – 17:25

**REGISTRATION LINK:** <https://www.saioh.co.za/events/register.aspx?id=155945>

*Invoice will be automatically generated upon registration.*

*Please note – the Zoom link to access the session will not be sent until payment is made*

Welcome	14:00 – 14:05	Ashraf Ryklief (NIOH)
Opening	14:05 – 14:15	Dr. Hennie vd Westhuizen (SAIOH President)
Session introduction	14:15 – 14:20	Paul Neal (SAIOH, Western Cape)
<b>KEYNOTE ADDRESS</b> State of AIHA Research Report and identified Content Priorities	14:25 – 15:05	Donna Heidel (AIHA President-Elect)
Big data – an occupational hygiene perspective	15:10 – 15:35	Mwangi Ndonga Ball Corp, Snr Health & Safety Hygienist (USA)
Sensor technology and passive sampling for managing health & safety in the workplace	15:40 – 16:05	Dr Miranda Loh Institute of Occupational Medicine (UK)
Total worker exposure - the impact of non-occupational exposure profiles	16:10 – 16:35	Dr Daniel Masekameni Senior Lecturer (Wits)
Exposure banding “a robust way to manage risk”	16:40 – 17:05	Dr David Zalk (CIH) Senior Industrial Hygienist (USA)
Panel discussion (Q&A)	17:10 – 17:25	TBC



## SAIOH SESSION 2 – NIOH Zoom Platform

### Toxicology & Hazardous Chemical Agents

**DATE:** 20 October 2021

**TIME:** 10:30 – 13:50

**REGISTRATION LINK:** <https://www.saioh.co.za/events/register.aspx?id=1559452>

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Welcome	10:30 – 10:35	Ashraf Ryklief (NIOH)
Session introduction	10:35 – 10:40	Cara Bellstedt
<b>KEYNOTE ADDRESS</b> Interplay between the disciplines of occupational toxicology occupational hygiene to reduce risk in the workplace	10:45 – 11:25	Professor Mary Gulumian School of Pathology, Wits Head: Toxicology Research projects, NIOH
Relevance of epigenetics in Occupational Hygiene	11:30 – 11:55	Professor Dr. Lode Godderis Catholic University of Leuven (KUL) (pre-recorded presentation)
Epigenetics - Asbestos and its' epigenetic impact	12:00 – 12:25	Dr Manosij Ghosh Catholic University of Leuven (KUL)
Biological monitoring – a complimentary technique to support air sampling in determining exposure	12:30 – 13:00	Dr Boitumelo V. Kgarebe NIOH
'Management of Substances of Very High Concern (SVHC)'	13:05 – 13:30	Ameesha Maharaj Engen Oil
Panel discussion (Q&A)	13:35 – 13:50	TBC

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**SAIOH SESSION 3 (A) – PDC WORKSHOP  
– NIOH Zoom Platform**  
**Technical aspects relating to chemical  
and noise surveys”**

**DATE: 26 October 2021**  
**TIME: 10:30 – 14:00**  
**REGISTRATION LINK:**  
<https://www.saioh.co.za/events/register.aspx?id=1559458>

Welcome	10:30 – 10:35	Ashraf Ryklief (NIOH)
Session introduction	10:35 – 10:40	Lizette Myburgh
OH chemical surveys “how OELs should be applied” and the interpretation of chemical analysis	10:40 – 12:10	Jaco van Rensburg Gijima
“Acoustical instrumentation- revisiting the fundamentals”	12:15 – 13:45	Marianka Naude M&N acoustics
Panel discussion (Q&A)	13:45 – 14:00	TBC

**SAIOH SESSION 3 (B) – PDC WORKSHOP  
– SAIOH Zoom Platform**  
**Global Harmonized System – “getting to grips with it**

**DATE: 26 October 2021**  
**TIME: 09:00 – 12:00**  
**REGISTRATION LINK:**  
<https://www.saioh.co.za/events/register.aspx?id=1559460>

Welcome	09:00 – 09:05	TBC
Session introduction	09:05 – 09:10	Paul Neal
Global Harmonised System – “getting to grips with it”.	09:10 – 11:45	Liz Anderson RPMASA
Panel discussion (Q&A)	11:45 – 12:00	TBC

**SAIOH SESSION 3 (C) – PDC WORKSHOP  
– SAIOH Zoom Platform**  
**Ventilation as a key hierarchy of control  
measure**

**DATE: 26 October 2021**  
**TIME: 12:40 – 16:30**  
**REGISTRATION LINK:**  
<https://www.saioh.co.za/events/register.aspx?id=1559461>

Welcome	12:40 – 12:45	SAIOH REP
Session introduction	12:45 – 12:50	Cara Bellstedt
Vaccines & COVID: Implications for ventilation	13:00 – 13:30	Dr Greg Kew
HVAC / supply & Exhaust systems UVC implementation	13:30- 15:00	Tobias Van Reenen.
REHVA ventilation RA CO2 monitoring for ventilation..	15:00- 16:15	Garth Hunter
Panel discussion (Q&A)	16:15 – 16:30	TBC

**SAIOH SESSION 3 (D) – PDC WORKSHOP  
– NIOH Zoom Platform**  
**Guidance of analysts involved in asbestos  
work**

**DATE: 26 October 2021**  
**TIME: 14:00 – 17:25**  
**REGISTRATION LINK:**  
<https://www.saioh.co.za/events/register.aspx?id=1559462>

Welcome	14:00 – 14:05	Ashraf Ryklief (NIOH)
Session introduction	14:05 – 14:10	Paul Neal
Implementing HSG 248 Asbestos: The Analyst's Guide	14:15 – 17:05	Jonathan Grant FAAM (UK)
Panel discussion (Q&A)	17:05 – 17:25	TBC



## SAIOH SESSION 4 – NIOH Zoom Platform

### Physical agents /engineering controls

**DATE:** 28 October 2021

**TIME:** 10:30 – 13:40

**REGISTRATION LINK:** <https://www.saioh.co.za/events/register.aspx?id=1559453>

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Welcome	10:30 – 10:35	Ashraf Ryklief (NIOH)
Session introduction	10:35 – 10:40	Paul Neal
<b>KEYNOTE ADDRESS</b> Ventilation as engineering control measure to reduce COVID-19 airborne transmission	10:45 – 11:35	Jarek Kurnitski Professor, Head of the Department Department of Civil Engineering and Architecture Tallinn University of Technology
Ventilation as means to control hazardous chemical agents “welding fumes”	11:40 – 12:15	Adrian Simms (UK) Pre- recorded presentation
Vibration – practical considerations in using accelerometers’	12:20 – 12:50	Katrina Davis M&N acoustics
Department of Employment and Labour “monitoring and enforcing controls within industry in context of the proposed OHS Bill”	12:55 – 13:15	Bulelwa Huna Dept Employment & Labour, (TBC)
Panel discussion (Q&A)	13:20 – 13:40	TBC



### SAIOH SESSION 5 – NIOH Zoom Platform

#### Ergonomics, psychosocial stressors, and occupational disease

**DATE:** 02 November 2021

**TIME:** 10:30 – 14:05

**REGISTRATION LINK:** <https://www.saioh.co.za/events/register.aspx?id=1559454>

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Welcome	10:30 – 10:35	Ashraf Ryklief (NIOH)
Session introduction	10:35 – 10:40	Cara Bellstedt TBC
<b>KEYNOTE ADDRESS</b> Workplace stress “impact on worker health and well-being”	10:45 – 11:25	Tshifhiwa Mamaila City of Cape Town
Identifying & managing ergonomic risk factors	11:30 – 12:00	Matthew Birtles (HSE, UK)
HFE systems approach to optimisation of workplaces	12:05 – 12:35	Andrew Todd Rhodes University
<b>KEYNOTE ADDRESS</b> Working from home – “health and well-being of the remote worker”	12:35 – 13:05	Professor Andrew Thatcher Wits University
A statistical review of the burden of occupational disease in South Africa	13:10 – 13:40	Ms. Millie Ruiters WCC
Panel discussion (Q&A)	13:45 – 14:05	TBC



### SAIOH SESSION 6 – NIOH Zoom Platform

#### Mining Forum

**DATE:** 03 November 2021

**TIME:** 10:30 – 13:30

**REGISTRATION LINK:** <https://www.saioh.co.za/events/register.aspx?id=1559455>

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Welcome and introduction	10:30 – 10:40	Ashraf Ryklief (NIOH)
Looking at what's trending in the mining sector	10:40 – 13:10	Prof. Cas Badenhorst, coordinator, and other Speakers from the Mining Industry.
Panel discussion (Q&A)	13:10 – 13:30	TBC

### SAIOH SESSION 7 – NIOH Zoom Platform

#### Ethics, communication and training

**DATE:** 05 November 2021

**TIME:** 10:30 – 14:15

**REGISTRATION LINK:** <https://www.saioh.co.za/events/register.aspx?id=1559456>

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Welcome	10:30 – 10:35	Ashraf Ryklief (NIOH)
Session introduction	10:35 – 10:40	Lizette Myburgh
<b>KEYNOTE ADDRESS</b> "Does occupational hygiene best practice always consider the ethical implications?"	10:45 – 11:45	Terry McDonald Chartered Occupational Hygienist BOHS, UK
Report writing – "communicating risk to management"	11:50 – 12:10	Francois van Tonder Seritiza
'Articles and Reports - The Good, the Bad, and the Ugly'.	12:15 – 12:40	Claudina Nogueira SASOM and ICOH Board member
Training and continuous development of the Occupational Hygiene profession in the African context, incl. a Mentorship programme.	12:45 – 13:10	Norman Khoza AUDA NEPAD
OTHA initiatives for on-line learning	13:15 – 13:30	Peter-John Jacobs OHTA Board Member
PCC update - Continuous professional development (CPDs), the OHSF, and all things PCC.	13:35 – 14:00	Karen du Preez, Andrew Dickso, and Deon J v Vuuren, SAIOH PCC Exco members
Panel discussion (Q&A)	14:00 – 14:15	TBC

**SAIOH SESSION 8 – SAIOH Zoom Platform**

**SAIOH Annual General Meeting, close of the Conference**

**DATE: 05 November 2021**

**TIME: 16:00 – 18:00**

**REGISTRATION LINK: <https://www.saioh.co.za/events/register.aspx?id=1559457>**

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SAIOH AGM	16:00 – 17:10	SAIOH President, Council members, PCC and Admin
Closing Comments	17:15 – 17:45	Paul Neal (feedback on planning the scientific conference)
2022/2023 Conferences	17:45 – 18:00	Renier Nortje/Wessel/DJvV