

Virtual Conference
10 - 12 August 2022

14th SAFHE Southern African Healthcare Conference



SAFHE in collaboration with



DAY 1

10 August 2022

13h00 - 16h55 SAST

HEALTHCARE INFRASTRUCTURE

Shaping the Future

13:00	13:20	Opening Address		Kevin Poggenpoel	SAFHE President
13:00	13:20	Opening Address		Prof Folasade Ogunsola	ICAN Chairperson

13:20	13:50	Keynote Address	1	Briëtte Du Toit (ICAN)	The benefits of collaboration between medical and engineering
13:50	14:20	Keynote Address	2	Lisa Reynolds (GBCSA)	Sustainability and collaboration with respect to future buildings

BREAK

14:30	15:00	Keynote Address	3	Daniela Pedrini (IFHE)	Challenges in a male dominated environment
15:00	15:30	Keynote Address	4	Dr Yewande Alimi (Africa CDC)	OneHealth & IPC within the Built Environment

BREAK

15:40	16:10	Keynote Address	5	Mokete Litelu (Mediclinic)	Role of healthcare stakeholders in shaping a sustainable future in healthcare delivery
16:10	16:40	Keynote Address	6	Dr Harriet Etheredge (WDGMC)	Communication in healthcare; global challenges in the 21st century
16:40	16:55	Day 1 closing by SAFHE President, Kevin Poggenpoel			



DAY 2

11 August 2022

12h00 - 16h15 SAST

HEALTHCARE INFRASTRUCTURE

Shaping the Future

Session 1 - A Track Digital Transformation in Healthcare		Session 1 - Track B Environment: Where is the risk?	
Chair: Denton Smith		Chair: Prof Mamy Randria	
Mr Lance Roy		Prof Folasade Ogunsola	
AI models for energy and resource optimisation in Health Facilities	12:00	Targeted hygiene - protecting the environment	12:15
Mr Merkarl Ashwin Sanichur		Dr Joost Hopman	
Digital twins in the operation and management of healthcare facilities	12:15	Detecting risk on surfaces - Environmental Microbiome	12:30
Ms Katherine Roper		Dr Damilola Adeniyi	
4IR - your prescription for better facility and portfolio reliability	12:30	Implementing the Environmental Cleaning Toolkit Program - The LUTH Experience	12:45
Panel discussion chaired by Denton Smith - Deputy Director: Technical Services, Western Cape Department of Health: Groote Schuur Hospital	12:45	Panel discussion chaired by Prof Mamy Randria	13:00

BREAK

Session 2 - Track A Operational Efficiency		Session 2 - Track B Innovation in IPC training	
Chair: Kevin Poggenpoel		Chair: Anna Vorndran	
Mr Charles Nel		Briëtte du Toit	
An exposé of smart asset management applications leveraging healthcare within the 4IR	13:10	Virtual training and practical implementation in IPC	13:25
Dr Ian Findlay		Dr Yewande Alimi	
Operating theatre layout: Optimizing performance and safety	13:25	New ways to reach HCW across Africa on IPC	13:40
Mr Denton Smith		Alethea Mashamba	
AI and the Tool Guy	13:40	Improving the strength of IPC programmes through mentoring	13:55
Panel discussion chaired by Lance Roy - Design Engineer AI Solutions, AI Engineers	13:55	Panel discussion chaired by Anna Vorndran - Executive Manager, ICAN	14:10

BREAK

Session 3 - Track A Environmental Preservation		Session 3 - Track B Linking IPC and WASH	
Chair: Lance Roy		Chair: Briëtte du Toit	
Mrs Monique Holtzhausen		Julie Storr and Anthony Twyman	
The critical role of PVC in hospitals & healthcare environments	14:30	What does WASH bring to IPC?	14:45
Mr Andy Camphausen		Nkwan Jacob Gobte	
Water efficiency in buildings	14:45	Improving collaboration between IPC and WASH	15:00
Mr Petrus Swanepoel		Dr Michael Vonk	
Environmental sustainability. The next conundrum after COVID!	15:00	Innovative ways to reduce HCRW or alternative methods for the management of HCRW	15:15
Panel discussion chaired by Kevin Poggenpoel	15:15	Panel discussion chaired by Briëtte du Toit - Programme Manager and Training Coordinator, ICAN	15:30

BREAK

Session 4 - Track A Water Resilience		Session 4 - Track B The way forward in IPC	
Chair: Clinton Soutter		Chair: Prof Valerie Robertson	
Adv Gavin Kode		Dr Iman Heweidy	
Preparing the Western Cape Government (WCG) for 'day zero' in Cape Town and across the province - embedding water resilience in critical infrastructure	15:40	How to advocate for IPC importance in the future	15:55
Dr Roger Parsons		Prof Bruce Struminger	
Lessons from establishing a localized groundwater supply to Groote Schuur Hospital in the face of day zero	15:55	Project ECHO and Global IPC workforce capacity building	16:10
Panel discussion chaired by Clinton Soutter	16:10	Panel discussion chaired by Prof Shaheen Mehtar	16:25

BREAK

Session 5 - Track A Planning		Session 5 - Track B Construction	
Chair: Frances Fenner		Chair: Clinton Soutter	
Mrs Tandy Coleman		Mr Shiraaz Joosub	
Floors and walls can do so much more!	16:35	Healthcare-in-a-Box	16:50
Keith Bonsall		Mr Frik Lange	
DO IT RIGHT FIRST TIME!	16:50	Deconstructing and unbundling of healthcare facilities	17:05
Panel discussion chaired by Frances Fenner - Technical Sales Consultant, Polyflor	17:05	Panel discussion chaired by Clinton Soutter	17:20



DAY 3

12 August 2022

12h00 - 16h25 SAST

HEALTHCARE INFRASTRUCTURE

Shaping the Future

Session 1 - Track A Operational Challenges Chair: Dr Zane Farina		Session 1 - Track B Specialised Units Chair: Prof Folasade Ogunsola	
Mr Zemachu Ashuro Assessment of microbiological quality of indoor air at different hospital sites of Dilla University - a cross-sectional study	12:00	12:15	Buyiswa Lizzie Sithole-Mazibuko High risk areas for transmission in specialist units
Ms Michelle de Goede Covid-19 interventions and legacies in KZN Department of Health	12:15	12:30	Prof Adebola Olayinka How do we adapt specialised units to reduce transmission for future pandemics?
Mr Zemachu Ashuro Infection Prevention and Control (IPC) implementation status at Dilla University Hospital in Ethiopia: A case study	12:30	12:45	Chipo Gwayagwaya IPC considerations when designing special areas in healthcare facilities
Panel discussion chaired by Dr Zane Farina - Head Clinical Department, Anaesthesia and Critical Care Grey's Hospital - KZN Department of Health	12:45	13:00	Panel discussion chaired by Prof Folasade Ogunsola - Chairperson, Infection Control Africa Network (ICAN)

BREAK

Session 2 - Track A Predicting the future Chair: Katherine Roper		Session 2 - Track B Bridging the gap Chair: Mokete Litelu	
Mrs Karen Viljoen Future-proofing healthcare	13:10	13:25	Mrs Briëtte du Toit Virtual training of IPC and the Built Environment - is it possible?
Mr Warren Grenfell Guide to the future of hospitals through lessons learned	13:25	13:40	Eng Ashraf Elgeresi Importance of planning a dirty utility room in infection control, and protect the environment
Dr Augusta Dorning The patient journey of the future - opportunities for hospitals in Africa	13:40	13:55	TBC TBC
Panel discussion chaired by Katherine Roper - CEO, Roper. Consulting	13:55	14:10	Panel discussion chaired by Mokete Litelu - Group Manager: Procurement, Mediclinic

BREAK

Session 3 - Track A Research and Development Chair: Petrus Swanepoel			
Mr Carl Coetzee HVAC efficiency in a post-pandemic world	14:45	15:00	
Mrs Jozanne Louw Operations, management, and systems	15:00	15:15	
Mr Roelof Rabe Planning, design and construction	15:15	15:30	
Panel discussion chaired by Petrus Swanepoel - Sustainability Manager, Mediclinic	15:30	15:45	

BREAK

Session 4 - Track A Skills Development Chair: Amy Krause		Session 4 - Track B Outbreaks Chair: Dr Iman Heweidy	
Mrs Angela Hesketh Dr Pixley Ka Isaka Seme Memorial Hospital: New 500-bed regional hospital	15:40	15:55	Prof Basma Mnif Lesson learnt through COVID-19 pandemic - Management of an outbreak due to a pan-drug resistant Proteus mirabilis in a Tunisian hospital
Mr Francois du Plessis Preparing for change	15:55	16:10	Prof Wolfgang Preiser Not all viruses are the same - appropriate precautions for Covid, Ebola and Monkeypox
Panel discussion chaired by Amy Krause - Architectural Design Team Manager, Mediclinic Corporate Office	16:10	16:25	Panel discussion chaired by Dr Iman Heweidy - IPC Consultant, Ain Shams University (Cairo) Faculty of Medicine & WHO EMRO
CLOSURE OF PROCEEDINGS Lance Roy	16:25	16:40	CLOSURE OF PROCEEDINGS Lance Roy