



Department of Construction Management
50th Anniversary Conference ‘The Next 50 Years’, Port Elizabeth, 15-16 November 2021
Venue: Garden Court Kings Beach, La Roche Drive, Port Elizabeth, South Africa
Programme (Version 11/11/21)

Day 1: Monday, 15 November	Start	Day 2: Tuesday, 16 November	Start
Registration & Refreshments	08h00	Registration & Refreshments	08h00
Scientific Day Welcome	08h45	Industry Day Welcome	08h50
Head of Department’s Vision	09h00	Topical Presentations S1	09h00
Tributes	09h15		
Keynote Speech 1	10h00		
Keynote Speech 2	10h30		
Refreshment break	11h00	Refreshment break	11h00
Stream 1A & 1B	11h15	Topical Presentations S2	11h20
Lunch break	12h55	Lunch break	12h50
Science Communication	14h00	Topical Presentations S3	13h50
Stream 2A & 2B	14h30		
Refreshment break	15h30	Refreshment break	15h20
Stream 2A & 2B	15h50	Topical Presentations S4	15h40
Networking / Dispersal to hotels	16h50	Industry rant	16h40
Gala Dinner	18h45	Summary of the day	17h10
		Closure of the conference	17h20

Monday 15 November 2021 (Scientific Day)

08h00 - 08h45	Registration & Refreshments	Main Conference Venue
08h45 - 09h00	Welcome & Introduction: Prof John Smallwood, Nelson Mandela University (L)	Main Conference Venue
09h00 - 09h15	Head of Department’s Vision: Chris Allen, Nelson Mandela University (L)	Main Conference Venue
09h15 - 09h25	ECMBA Tribute: Greg Steele, Executive Director (L)	Main Conference Venue
09h25 - 09h35	CIOB Tribute: Petra Devereux, Regional Hub Manager (L)	Main Conference Venue
09h35 - 09h50	ACHASM Tribute: Dr Claire Deacon, Executive Director (V)	Main Conference Venue
09h50 - 10h00	SACPCMP Tribute: Isaac Nkosi, President (V)	Main Conference Venue
10h00 - 10h30	Keynote 1: Construction in 2071, Prof Theo Haupt, Mangosuthu University of Technology (L)	Main Conference Venue
10h30 - 11h00	Keynote 2: Making Sense of the Ailing SADC ‘Rhinos’ – New perspectives for a more sustainable pathway into the future, Prof Pantaleo Rwelamila, UNISA (V)	Main Conference Venue
11h00 - 11h15	Refreshment break	
Stream:	1 A - Main Conference Venue	1 B - Breakaway Venue
11h15 - 12h55	Session Chair: Prof Fidelis Emuze	Session Chair: Chris Allen

PRESENTATIONS – 1 Keynote or 1 Industry Day Presentation = 25 minutes talk and 5 minutes Q&A

1 Scientific Paper = 15 minutes talk and 5 minutes Q&A

11h15 - 11h35	Circular economy in the construction industry in Africa: a bibliometric analysis by Jacob Mhlanga, Theodore Haupt and Claudia Loggia	A systematic literature review of traditional inspection process challenges affecting quality housing delivery by David Nena, Innocent Musonda and Chioma Okoro
11h35 - 11h55	Influence of organizational values and beliefs on sustainable construction's performance in the South African construction industry by Peter Adekunle, Clinton Aigbavboa and Opeoluwa Akinradewo	Quality housing delivery in South Africa: the contribution of building inspectorate by Cynthia Mailola, Innocent Musonda and Chioma Okoro
11h55 - 12h15	Towards sustainable construction project delivery: a review of effective manpower management practices for SMEs to enhance productivity in the Eastern Cape by Athenkosi Sogaxa, Eric Simpeh and Ruben Ndihekubwayo	Sustainability concerns affecting rural housing; Kwa-Zulu Natal and Eastern Cape South Africa by Prisca Simbanegavi and Pride Ndlovu
12h15 - 12h35	The viability of solar energy to improve efficiency in the railway infrastructure by Nkosinathi Ntombela and Innocent Musonda	Methods and current practices adopted in valuing green buildings by Faith Owoha and Eric Simpeh
12h35 - 12h55		The application of Lean Six Sigma in real estate development by Hoffie Cruywagen and Gerhard Malherbe
12h55 - 14h00	Lunch break	
14h00 - 14h30	Science Communication on Drift to Failure by Fidelis Emuze	Main Conference Venue
Stream:	2 A - Main Conference Venue	2 B – Breakaway Venue
14h30 - 16h30	Session Chair: Dr George Mollo	Session Chair: Katharina Crafford
14h30 - 14h50	Impact of cost overruns on contractual disputes by Bennie Pretorius and Christopher Amoah	Management practices undermining health and safety in construction by Patricia Kukoyi, Oluseyi Adebawale and John Smallwood
14h50 - 15h10	Management strategies for delayed payments to small and medium contracting firms in Lagos State Nigeria by Ololade Olusola, Godwin Oseghale, Johnson Adetooto, Abimbola Windapo and Ifeoluwa Awotunde	A reasonably practicable health and safety programme for micro contractors in the South African construction industry by Sanjay Munnoo and John Smallwood
15h10 - 15h30	Key constraints to optimal BIM penetration among Nigerian quantity surveyors by Samuel Adekunle, Clinton Aigbavboa, Obuks Ejohwomu and Nosakhare Efiannayi	Identifying the risk factors in Zimbabwean health projects by Simbarashe Buhlungu and Nien-Tsu Tuan
15h30 - 15h50	Refreshment break	
15h50 - 16h10	An evaluation of education curricula for full implementation of industrialised building systems in the Nigerian construction industry by Abdulmutalib Salihu, John Smallwood, Kabir Ibrahim and Abdulganiyu Sani	Assessment of suitability of molten plastic and sawdust mixture for the production of light weight composite building materials by Ifeoluwa Awotunde, Oluwarotimi Ekundayo, Johnson Adetooto and Tobi Adelerin

PRESENTATIONS – 1 Keynote or 1 Industry Day Presentation = 25 minutes talk and 5 minutes Q&A

1 Scientific Paper = 15 minutes talk and 5 minutes Q&A

16h10 - 16h30	Built environment skills set levels and construction project delivery in South Africa: an expose' of the nexus in rural municipalities of Free State by Christopher Mutereko, Innocent Musonda and Trynos Gumbo	Green building compliance index of tertiary educational institution buildings in south-western Nigeria by Ade-Ojo Olubunmi
16h30 - 16h50	Assessment of competence of Nigeria indigenous contractors in handling large scale construction projects by Tobi Adelerin, Prince Akanni, Johnson Adetooto, Ifeoluwa Awotunde and Christopher Alegbeleye	Approach of prioritising lecture theatres maintenance requirements by Mandisi Gwabava, Fredrick Simpeh and Winston Shakantu
16h50 - 18h00	Networking / Dispersal to hotels	
18h45	Gala Dinner	

Tuesday 16 November 2021 (Industry Day)

08h00 – 08h50	Registration and Refreshments	
Session 1	Topic	Chair: Prof Fidelis Emuze
08h50 – 09h00	Welcome and Introduction (L)	Prof John Smallwood, Nelson Mandela University
09h00 – 09h30	Status of the South African Construction Industry (L)	Prof John Smallwood, Professor, Nelson Mandela University
09h30 – 10h00	Bad data means bad decisions (L)	Chris Allen, Head of Department, Nelson Mandela University
10h00 – 10h30	Digitalisation with Hilti (L)	Rishaan Manilal, Head of Engineering and Technical Marketing (Hilti South Africa)
10h30 – 11h00	Digitising health and safety workflows in the construction industry (V)	Prof Innocent Musonda, University of Johannesburg
Refreshments		
Session 2	Topic	Chair: Prof John Smallwood
11h20 – 11h50	Temporary works engineering for industrial maintenance projects (L)	Dévan Venter, Engineering Manager, Waco Engineering Services (WES)
11h50 – 12h20	Brand relevance in an impermanent world (L)	Amelia Keefer, Group Brand and Sales Executive, GVK-Siya Zama Construction
12h20 – 12h50	Shaping the Future of Construction (L)	Prof Theo Haupt, Mangosuthu University of Technology
Lunch		
Session 3	Topic	Chair: Prof Theo Haupt
13h50 – 14h20	Project Imifino – Green Biological Treatment System at SAB Ibhayi Brewery (V)	Alyssa Jooste, SAB Sustainability Manager, and Sean Power, SAB Water Technical Expert
14h20 – 14h50	Addressing water risk-related concerns across Africa through an integrated Water Stewardship response – SAB (V)	Alyssa Jooste, SAB Sustainability Manager, and Sean Power, SAB Water Technical Expert
14h50 – 15h20	Implementing our virtual sustainable future (V)	Thomas Fuller, Senior Development Manager, Attacq Property Fund
Refreshments		
Session 4	Topic	Chair: Prof Brink Botha
15h40 – 16h10	Water scarcity and South African Cities (L)	Dr Gisela Kaiser, Vice-president, Water Globe Consultants LLC
16h10 – 16h40	Contract Documentation to avoid Contractual Disputes (V)	Uwe Putlitz, Principal, Building Strategy
16h40 – 17h10	Industry Rant: What keeps me awake at night! (L)	Delegates & Prof John Smallwood
17h10 – 17h20	Summary of the Day (L)	Prof John Smallwood
17h20	Closure of the conference	

PRESENTATIONS – 1 Keynote or 1 Industry Day Presentation = 25 minutes talk and 5 minutes Q&A

1 Scientific Paper = 15 minutes talk and 5 minutes Q&A