

**1st Association of Researchers in Construction Safety, Health, and Well-Being
(ARCOSH) Conference
Cape Town, 3-4 June 2019
Tentative programme (Version 21 May 2019)**

| Day 0: Sunday, 2 June | Day 1: Monday, 3 June 2019 | <i>Approx. times</i> | Day 2: Tuesday, 4 June 2019 | <i>Approx. times</i> |
|--|-----------------------------------|----------------------|------------------------------------|----------------------|
| Arrival of delegate to hotels in Cape Town | Arrival of delegates | 08:30 | Registration & Refreshments | 08:00 |
| | Registration & Networking | 08:50 | Industry Day Welcome | 08:50 |
| | Scientific Day Welcome | 09:15 | Topical Presentations S1 | 09:00 |
| | Keynote Speech 1 | 09:30 | Refreshment break | 11:00 |
| | Keynote Speech 2 | 10:00 | Topical Presentations S2 | 11:20 |
| | Keynote Speech 3 | 10:30 | Lunch break | 12:50 |
| | Stream 1A & 1B | 11:15 | Topical Presentations S3 | 13:50 |
| | Lunch break | 12:55 | Refreshment break | 15:20 |
| | Keynote Speech 4 | 14:00 | Topical Presentations S4 | 15:40 |
| | Stream 2A & 2B | 14:30 | Summary of Day | 17:10 |
| | Refreshment break | 16:30 | Adjournment and Close | 17:20 |
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| | Networking and dispersal | 16:45 | | |
| | Gala Dinner | 18:30 | | |

**Venue: Protea Hotel by Marriott Cape Town Waterfront Breakwater Lodge,
Cape Town, South Africa**

MONDAY 3 June 2019 (SCIENTIFIC DAY)

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| 08h30 - 08h50 | Arrival of Delegates | Main Conference Venue |
| 08h50 - 09h15 | Registration & Networking | Main Conference Venue |
| 09h15 - 09h30 | Scientific Day Welcome by Prof John Smallwood, Nelson Mandela University | Main Conference Venue |
| 09h30 - 10h00 | Keynote 1 by Ishmail Cassiem, Construction Industry Development board | Main Conference Venue |
| 10h00 - 10h30 | Keynote 2 by Prof John Ebohon, London South Bank University | Main Conference Venue |

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

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| 10h30 - 11h00 | Keynote 3 by Prof Joseph Kangwa, London South Bank University | Main Conference Venue |
| 11h00 - 11h15 | Refreshment break | |
| Stream: | 1 A - Main Conference Venue | 1 B – Breakaway Venue |
| 11h15 - 12h55 | Session Chair: Fidelis Emuze | Session Chair: Kahilu Kajimo-Shakantu |
| 11h15 - 11h35 | Health and safety and knowledge management in construction by Hedley Smyth, Aeli Roberts, Meri Duryan, Jing Xu, Angeliki Toli, Steve Rowlinson and Fred Sherratt | Health and safety welfare of temporary workers on construction and mining related sites in Zambia by Franco Muleya, Lawrence Mutale, Mwinji Nakamba and Kahilu Kajimo-Shakantu |
| 11h35 - 11h55 | Knowledge transfer as a critical component for promoting a positive occupational health and safety culture by Meri Duryan, Hedley Smyth, Aeli Roberts, Jing Xu, Angeliki Toli, Steve Rowlinson and Fred Sherratt | Small to medium sized construction firms' health and safety investment practices in Kwa-Zulu Natal: a pilot study by Kahilu Kajimo-Shakantu, Levi Swart and Franco Muleya |
| 11h55 - 12h15 | Driving construction health and safety through procurement strategy by Bert Young, Rafiu Seidu, Davina Nganga, Herbert Robinson and Obas Ebohon | Behavioural based safety and safety culture of building contractors' in Cape Coast Metropolis by Zakari Mustapha, Clinton Aigbavboa and Wellington Thwala |
| 12h15 - 12h35 | Appraisal of construction site safety in building projects in Indian cities by Dillip Das | Construction health and safety on construction sites: how OSH (building and construction industry) rules, 2015 are decoded? by Geraldine Kikwasi |
| 12h35 - 12h55 | Impediments to health and safety management in SMES in the eSwatini construction industry by Douglas Aghimien, Clinton Aigbavboa, Gab'Sile Thwala and Wellington Thwala | Delay in acquisition of building permit and consequences by Samuel Kotey, Daniel Ebo Hagan, Zakari Mustapha, Clinton Aigbavboa and Wellington Didi Thwala |
| 12h55 - 14h00 | Lunch break | |
| 14h00 - 14h30 | Keynote 4 by Prof AO Windapo, University of Cape Town | Main Conference Venue |
| Stream: | 2 A - Main Conference Venue | 2 B – Breakaway Venue |
| 14h30 - 16h30 | Session Chair: Franco Muleya | Session Chair: Iruka Anugwo |
| 14h30 - 14h50 | Analysis of recent construction health and safety legislation changes, their impact on performance improvement by Mohlomi Raliile and Theodore Haupt | Sustainable solutions to dampness in building: A case study of selected period properties in England by Rafiu Seidu, Bert Young, Dubravko Nemcic, Hebert Robinson and Obas Ebohon |

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

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| 14h50 - 15h10 | Environmentally sustainable practices for construction health and safety management in Zimbabwe by Benviolent Chigara and John Smallwood | Designing a diagnostic survey instrument to measure a railway organisation's safety culture: a South African case study by Mabila Mathebula, Peaceman Sopazi and John Smallwood |
| 15h10 - 15h30 | Review of construction accident causality by Lesiba George Mollo, Fidelis Emuze and John Smallwood | Integration of earth geopathic stress factors into the built environment spatial planning and EIA practice: a theoretical investigation by Iruka Chijindu Anugwo |
| 15h30 - 15h50 | Practices fuelling the spread of HIV/AIDS in the South African construction industry by Tendai Makwara, Dennis Yao Dzansi and Crispin Chipunza | Hazardous environmental and occupational exposures among mobile plant operators in the South African construction industry by Rose Matete, Fidelis Emuze and John Smallwood |
| 15h50 - 16h10 | Health and safety practices on construction sites in Nigeria: an exploratory study by Aliu Soyingbe, Ibukun Awolusi and Dele Simeon Chigara and John Smallwood | Safety hazards in the theatre industry by Maryn Hattingh |
| 16h10 - 16h30 | Developing safety archetypes for construction industry in India by using System Dynamics by Dillip Das | |
| 16h30 – 16h45 | Refreshment break | |
| 16h45 – 18h00 | Networking / Dispersal to hotels / ARCOSH Steering Committee Meeting | |
| 18:30 | Gala Dinner | |

TUESDAY 4 June 2019 (INDUSTRY DAY)

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| 08h00 – 08h50 | Registration and Refreshments | |
| Session 1 | Topic | Chair: Prof Theo Haupt |
| 08h50 – 09h00 | Welcome and Introduction | Dr Claire Deacon Managing Member, CD&A |
| 09h00 – 09h30 | The role of Building Information Modelling (BIM) in H&S | Mr Chris Allen Lecturer, Nelson Mandela University |
| 09h30 – 10h00 | A different approach to H&S | Mr Rowland Adams Principal, Essential SHEQ |
| 10h00 – 10h30 | Built environment stakeholders' construction H&S performance | Peter Dobson Managing Director, Artis Mavin |
| 10h30 – 11h00 | SACPCMP registration update | Mr Vincent Harmse CHS Executive, SACPCMP |
| Refreshments | | |
| Session 2 | Topic | Chair: Prof Fidelis Emuze |

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

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| 11h20 – 11h50 | Scaffolding awareness | Prof John Smallwood Professor, Nelson Mandela University |
| 11h50 – 12h20 | Cannabis use in construction | Prof Theo Haupt Research Professor, Engineering, Mangosuthu University of Technology |
| 12h20 – 12h50 | Site compliance audits: Why so punitive? | Mr Deon Bester OHS Manager, MBAWC |
| Lunch | | |
| Session 3 | Topic | Chair: Prof John Smallwood |
| 13h50 – 14h20 | Challenges experienced by CHSAs | Dr Claire Deacon Managing Member, CD&A |
| 14h20 – 14h50 | SANS 1393: Construction Management Systems | Mr Rowland Adams Principal, Essential SHEQ |
| 14h50 – 15h20 | Temporary Works and H&S | Dévan Venter Lead Engineer, Peri |
| Refreshments | | |
| Session 4 | Topic | Chair: Dr Claire Deacon |
| 15h40 – 16h10 | The role of Industry 4.0 in H&S | Mr Chris Allen & Prof John Smallwood Nelson Mandela University |
| 16h10 – 16h40 | Roundtable discussion on the state of construction H&S in developing countries | Prof Joseph Kangwa London South Bank University |
| 16h40 – 17h10 | H&S Rant: What keeps me awake at night! | Delegates & Prof John Smallwood |
| 17h10 – 17h20 | Summary of the Day | Prof Theo Haupt |
| 17h20 | Adjournment & Close | |

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