



Innovative Infrastructure Solutions

82nd IMESA CONFERENCE
 BOARDWALK HOTEL | PORT ELIZABETH
 30 October 2018 – 02 November 2018

CONFERENCE PROGRAMME

Tuesday, 30th October 2018	
11h00 – 18h00	IMESA Golf Day @ Humewood Golf Course - <i>Sponsored by TECROVEER</i>
12h00 – 21h00	Conference ONSITE REGISTRATION open - <i>Sponsored by GLADAFRICA</i>
17h30 for 18h00	OPENING FUNCTION – MC Roland Gasper - <i>Excellence Awards & Inauguration of the new IMESA President</i>
Wednesday, 31st October 2018	
07h00 – 08h00	Registration - <i>Sponsored by GLADAFRICA</i>
SESSION 1 : MC – Niqui Cloete Barrass	
08h00	MC opens the 1 st day of Conference
08h15	Opening of 82 nd IMESA Conference by IMESA President
08h25	ADDRESS BY SALGA
08h35 – 08h45	WELCOME ADDRESS : Executive Mayor of Nelson Mandela Bay
08h45 - 09h45	KEYNOTE SPEAKER : Mrs Danai Magugumela
09h50	Promotional presentation: 2019 IMESA Conference
09h55	Lucky Draw - <i>Sponsored by SKYV CONSULTING ENGINEERS</i>
10h00	REFRESHMENTS: EXHIBITION HALL - <i>Sponsored by FLOWTITE</i>
SESSION 2 : Chairperson – Johan Basson	
10h50	MC welcomes delegates to Session 2
10h55	Lucky Draw - <i>Sponsored by SKYV CONSULTING ENGINEERS</i>
11h00	PAPER 1: INVITED SPEAKER - Prof. Chris Adendorff <i>A causal layered analysis of South Africa's readiness for the fourth industrial revolution towards 2035</i>
11h30	PAPER 2: Luchelle Damons <i>Virtual reality as an innovative infrastructure solution</i>
12h00	PAPER 3: Dr Jan Kupec <i>Digital innovations in infrastructure - Bringing ideas to life</i>
12h30	Questions from the floor
12h40	SPONSOR ADDRESS : Flowtite South Africa
12h50	LUNCH: EXHIBITION HALL - <i>Sponsored by FLOWTITE</i>
SESSION 3 : Chairperson – Prof. Kobus Du Plessis	
13h55	MC welcomes delegates to Session 3
14h00	Lucky Draw - <i>Sponsored by SKYV CONSULTING ENGINEERS</i>
14h05	PAPER 4: Dr Pierre Voges <i>Special purpose vehicles as a model for competitive economic development in South African cities</i>
14h35	Questions from the floor
14h40-15h40	MOTIVATIONAL SPEAKER : Femi Adebajji - <i>Sponsored by BMK GROUP</i>
15h40	REFRESHMENTS: EXHIBITION HALL - <i>Sponsored by FLOWTITE</i>
SESSION 4 : Chairperson – Lindsay Mooiman	
16h05	MC welcomes delegates to Session 4
16h10	Lucky Draw - <i>Sponsored by SKYV CONSULTING ENGINEERS</i>
16h15	PAPER 5: Michael van den Berg & Ian Mitton <i>Effective energy and capital saving application at Kruisfontein waste water treatment plant by incorporating existing infrastructure as well as patented and propriety technology</i>
16h45	PAPER 6: Dr Jan Lapere <i>Statutory occupational medical examinations of construction workers</i>
17h15	Questions from the floor
17h30 – 18h15	IMESA ANNUAL GENERAL MEETING
EVENING AT LEISURE	



Thursday, 01st November 2018	
07h00	Coffee in the Exhibition Hall
08h00	MC opens the 2 nd day of Conference
SESSION 5 : Chairperson – Sibusiso Mjwara	
08h10	PAPER 7: Brendon Theunissen <i>Coega Kop biofiltration plant</i>
08h40	PAPER 8: Chris Baloyi <i>How public-private partnerships can help unlock public infrastructure development</i>
09h10	PAPER 9: Emmanuel Marang Khomela <i>Innovative and efficient waste water technologies for Tsakane waste water treatment works</i>
09h40	PAPER 10: John Holmes & Adrian Coetzee <i>Opportunity in crisis: An interdisciplinary, 'Learn by doing' approach to resource management of the Cape Flats aquifer</i>
10h10	Questions from the floor
10h20	Lucky Draw - Sponsored by SKYV CONSULTING ENGINEERS
10h25	REFRESHMENTS : EXHIBITION HALL - Sponsored by FLOWTITE
SESSION 6 : Chairperson – Thabo Hlabela	
11h00	MC welcomes delegates to Session 6
11h05	Lucky Draw - Sponsored by SKYV CONSULTING ENGINEERS
11h10	PAPER 11: Karl Hoffmann & Odwa Dilizo <i>Land acquisition for municipal infrastructure projects – Municipalities rights, land owners rights and land legal processes to follow, with timeframes</i>
11h40	PAPER 12: Joseph Tsatsire <i>The impact of consumer billing on non-revenue water</i>
12h10	PAPER 13: Prof. Koos Schoonees & Dr Andre Theron <i>Small coastal stormwater outlets: Literature review and design guidelines</i>
12h40	Questions from the floor
12h50	LUNCH : EXHIBITION HALL - Sponsored by FLOWTITE
TECHNICAL TOURS for the afternoon - Sponsored by DEEDSCON CONSULT	
13h45	Delegates depart for Technical Tours and return from Technical Tours at 17h00
18h30 for 19h00	S O C I A L E V E N I N G Beach Party @ Happy Valley (under the bridge)



Friday, 02nd November 2018	
07h00	Coffee in the Exhibition Hall
08h10	MC opens last day of Conference
SESSION 7 : Chairperson – Barry Martin	
08h20	PAPER 14: Prof. Carel Schoeman & Norman Swart <i>An approach towards capacity building and training in municipal engineering departments: Promotion of green infrastructure development and practices</i>
08h50	PAPER 15: François Saucier <i>H2S Biogenic corrosion: Why using calcium aluminate concrete and mortars to rehabilitate corroded sewer infrastructures</i>
09h20	PAPER 16: Ongama Mtimka <i>The political economy of infrastructure delivery in South Africa: A focus on Nelson Mandela Bay</i>
09h50	PAPER 17: Jay Bhagwan <i>Ending the madness.... Of the flush</i>
10h20	Questions from the floor
10h30	Lucky Draw - Sponsored by SKYV CONSULTING ENGINEERS
10h35	REFRESHMENTS : EXHIBITION HALL - Sponsored by FLOWTITE
SESSION 8 : Chairperson – Bhavna Soni	
11h20	MC welcomes delegates to Session 8
11h30	PAPER 18: Carley Truyens & David Wilson <i>Bridging the gap between onsite and conventional sanitation: Decentralised Wastewater Treatment Solutions (DEWATS)</i>
12h00	Questions from the floor
12h10	CONFERENCE SUMMARY : Moses Maliba
12h30	CLOSE-OFF FORMALITIES : Willem Hofmeyr
12h40	Lucky Draw - R 5 000 - Sponsored by SKYV CONSULTING ENGINEERS
CONFERENCE CLOSURE	
12h45 – 14h00	LUNCH IN EXHIBITION HALL AND DEPART