

Final Announcement



Southern African Transport Conference

The 42nd annual

SOUTHERN AFRICAN TRANSPORT CONFERENCE and EXHIBITION

THEME

Upskilling and reskilling the transport industry for current and future challenges

PATRON

THE MINISTER OF TRANSPORT



transport

Department:
Transport
REPUBLIC OF SOUTH AFRICA



International Road Federation
Fédération Routière Internationale
Federación Internacional de Carreteras

The conference is endorsed by the International Road Federation

VENUE

CSIR International Convention Centre (CSIR ICC), Pretoria, South Africa

8 to 11 July 2024

“Early Bird” registration from 2 May - 7 June 2024
(The full registration fee applies after 7 June)

FINAL ANNOUNCEMENT AND PROVISIONAL PROGRAMME

CONTACT DETAILS

CONFERENCE SECRETARIAT (Correspondence and Enquiries)

Ms Jacqui Oosthuyzen
Mobile: +27 (0)83 324-9622

Webpage: www.satc.org.za
New E-mail: info@satc.org.za

ORGANISING COMMITTEE SATC 2024

Bean, Prof Wilna	University of Pretoria
Behrens, Prof Roger (Deputy Chair)	University of Cape Town
Bruwer, Dr Megan	Stellenbosch University
Chakwizira, Prof James	University of Venda
De Beer, Mr Gerhard	Auto IH
Dimitrov, Ms Laverne	Development Bank SA
Heeger, Mr Jon	GWI Aviation Advisory (Assisting)
Jennings, Ms Gail	Research Consultant
Komba, Dr Julius	University of Pretoria
Marutla, Mr Fana	PRASA
Mhlanga-Mochadibane, Ms Mavis	International Women in Transport
Mogoashane, Ms Mahlako	Bombela Operating Company
Mojafi, Mr Tebogo	South African Maritime Safety Authority
Mokonyama, Dr Mathetha (Chairman)	CSIR
Moselakgomo, Mr Madumetja	University of Johannesburg
Nordengen, Dr Paul	Heavy Vehicle Transport Technology Africa
Oosthuyzen, Ms Jacqui	Secretariat
Pretorius, Dr Pieter	Innovative Transport Solutions
Ribbens, Dr Hubrecht	Consultant
Robinson, Mr Alan	SAICE
Ssamula, Dr Bridget	Engineering Council of South Africa
Venter, Dr Karien	CSIR
Visser, Prof Alex	University of Pretoria
Wang, Mr Yuchen	SACTCC

TECHNICAL COMMITTEE SATC

Adams, Prof Charles	Kwame Nkrumah University of Science & Technology, Kumasi, Ghana
Ölçer, Prof Dr Aykut	World Maritime University, Sweden
Prozzi, Prof Jorge	The University of Texas, USA
Wegman, Prof Fred	Delft University of Technology, The Netherlands

INVITATION

Everyone in any way connected with transport is invited to register for the 42nd Southern African Transport Conference. It will be of particular interest to municipal and provincial employees, policy and decision-makers, academics, researchers, students, and professionals active in the planning, construction, manufacturing, logistics, operation and safety of passenger and freight transport, road traffic, rail, ports, maritime and aviation. End-users will also find the conference of interest.

SYNOPTIC PROGRAMME

From Monday to Thursday the sessions/workshops (1A-1E, 2A-2D, 3A-3E, 4A-4E) take place over a full day and it is therefore possible to **register for only one session** per day. However, once at the conference, delegates are welcome to **move between sessions**, space permitting. **This conference will not be streamed.**

<i>DATE</i>	<i>SESSION NO</i>	<i>EVENT</i>
<i>Monday, 8 July</i>		<i>Opening Session</i>
	<i>1A</i>	<i>Infrastructure (1)</i>
	<i>1B</i>	<i>Integrated Transport and Spatial Development</i>
	<i>1C</i>	<i>Traffic Engineering</i>
	<i>1D</i>	<i>Rural Transport/ Capacity Building</i>
	<i>1E</i>	<i>Rail</i>

Tuesday, 9 July	2A	<i>Infrastructure (2)</i>
	2B	<i>Urban and Public Transport</i>
	2C	<i>Traffic Management, Safety and Security</i>
	2D	<i>Aviation & Freight and Logistics</i>
Wednesday, 10 July	3A	<i>Infrastructure (3)</i>
	3B	<i>Urban Mobility</i>
	3C	<i>Engineering for Safe Systems Forum</i>
	3D	<i>Maritime</i>
	3E	<i>The opportunities of STI co-operations with BRICS countries</i>
Thursday, 11 July	4A	<i>Integrated Public Transport Networks</i>
	4B	<i>SAICE/ SANRAL – Critical Thinking: Going back to basics</i>
	4C	<i>International Women in Transport Workshop</i>
	4D	<i>Public Private Partnership Workshop</i>
	4E	<i>RTMC Safe System Approach Workshop</i>

SPECIAL EVENT

Opening – SOUL BLEND (Afro-Soul acapella group)

SOCIAL FUNCTIONS

Cocktail Party – 17:00 to 18:30, Sponsored by Innovative Transport Solutions (ITS):

A cocktail party will be held at the conference venue after the day's proceedings on **Monday, 8 July 2024**. The following awards for papers presented at the conference will be announced:

- SATC Award for the “**Best Paper**”
- SATC Award for the “**Best Practical Paper**” (Sponsored by Chrisen Consulting)
- SAICE Transportation Division Award for the “**Best Paper by a Young Professional**”
- The ‘**Distinguished SATC Fellow**’ award

Delegates registered for any of the four days of the conference are invited to attend and are requested to indicate their attendance on the registration form.

EXHIBITION

An exhibition – a showcase for all related industries – will run concurrently with the conference from Monday, 8 July to Thursday, 11 July 2024. Exhibition space (3m x 3m) is available on a first come, first served basis. Organizations wishing to exhibit are requested to contact the Conference Secretariat.

PROMOTIONAL OPPORTUNITIES

Organizations interested in Promotional Opportunities should contact the Conference Secretariat.

ACCOMMODATION

The following special rates will apply to delegates.

City Lodge Lynnwood (3 Star) Cnr Lynnwood & Daventry Rds, Lynnwood, Pretoria For bookings please Email: Clynnwood.resv@citylodgehotels.com Discount code: 1030685	Single: R1 474 room only Single: R1 689 bed & breakfast 2 Persons per room: R1 904 bed & breakfast
Town Lodge Menlo Park (2 Star) Atterbury Road, Menlo Park, Pretoria For bookings please Email: Tlmenlo.resv@citylodgehotels.com Discount code: 1030685	Single: R1 350 room only Single: R1 555 bed & breakfast 2 Persons per room: R1 760 bed & breakfast

The above hotel is recommended for accommodation during the conference. **Delegates are responsible for their own arrangements.** They should book by E-Mail sending all the relevant details as well as either credit card details or prepayment and quoting the above reference details to qualify for the discounted rates and to ensure a booking at the hotel of their choice.

TRANSPORT (Courtesy bus)

The organizers will arrange a courtesy bus to transport delegates from the above hotels to the CSIR ICC in the morning and back after the day's proceedings/social function. Delegates wishing to make use of the courtesy bus should tick the relevant section on the registration form.

CONFERENCE DOCUMENTATION

Delegates registered for any of the conference sessions and workshops will receive the following documentation:

- Conference Handbook containing the programme and abstracts of the papers presented at SATC 2024.
- Delegate bag
- Pen and Notebook
- Access to the conference app (Here you will find the conference proceedings, session- and speaker information and you will be able to engage with our exhibitors, sponsors, and other delegates. The app details will be shared before the event and after payment has been received).

STUDENT ESSAY COMPETITION

The Organising Committee has instituted an essay competition open to all registered students (undergraduate as well as postgraduate) at tertiary institutions. The competition is held within the institutions (the Organising Committee has already been in contact with the institutions) and each institution will select its two winners.

Students need to prepare a five-page essay on "Upskilling and reskilling the transport industry for current and future challenges". This relates to the theme of SATC this year. Final selections will be done by each institution, and the winning essays submitted to the SATC Secretariat (info@satc.org.za) by 10 May 2024.

The two top authors from each institution and their lecturer will be supported to attend SATC 2024. Flights/ transport within South Africa (and neighboring countries) to Pretoria (discounted economy class), accommodation in Pretoria, meals and registration will be provided.

REGISTRATION AND PAYMENT

REGISTRATION – OPENING 2 MAY 2024

Registration is per day. This four-day conference consists of an opening session, plenary and parallel sessions, including Workshops.

The conference sessions (1A-1E, 2A-2D, 3A-3E and 4A-4E) take place over a full day and it is therefore possible to register for only one session per day. However, once at SATC, delegates are welcome to move between the sessions.

Registrations are done via the SATC website: www.satc.org.za

This is an in-person event and will not be streamed.

FEES AND PAYMENT

Registration fees are payable in advance by:

▪ **DIRECT DEPOSIT**

Direct deposits may be made into the following bank account and proof of payment sent to the SATC Secretariat (email: info@satc.org.za). Please use the pro forma invoice number as reference so that the payment can be identified, and the correct delegate(s) credited:

Bank	FNB
Branch and code	Hatfield 242-145
Account name	Annual Transportation Convention
Account No	54501151268
Swift code	FIRNZAJJ (for transfers from foreign countries)

▪ **PAYFAST**

Upon completion of your registration, you will have the option to be directed to the secure Payfast (payment gateway) site to make a card payment for immediate settlement of delegate registration fees. This platform accepts all major currencies, and all billing conversions are done in original Rand (R) value.

▪ **CASH PAYMENT AT THE CONFERENCE**

If time is short, registration fees may be paid at the conference (IN SUCH CASES THE LATE REGISTRATION FEES WILL APPLY). **Please arrange with the SATC Secretariat prior to attending the conference.**

The late registration fee will apply for all payments received after 7 June 2024.

ID number is required for registration for all South African residents.

If you register as a STUDENT, you are required to mail a copy of your student card to the secretariat prior to the event. You will also be requested to present your student card at the registration desk.

Fees are per day. Fees include 15% VAT (please supply your company VAT number on registration form)	Early bird fee: (For registrations AND PAYMENT up to 7 Jun)	Late fee (For registrations AND PAYMENT from 8 Jun)
Student	R1 050	R1 250
Presenter (on day of presentation)	R1 550	R2 150
Young Professional (under35)	R2 050	R2 450
Delegate	R2 550	R3 250

THE REGISTRATION FEE INCLUDES:

- Attendance on the registered day(s).
- Breakfast, Lunch and refreshments on the day(s) of attendance.
- Attendance of the cocktail party on Monday, 8 July. (Please indicate on the registration form).
- Transport between the appointed hotels and the conference venue. (Please indicate on the registration form).
- A briefbag containing the conference documentation including the Programme Handbook containing the Final Programme and Abstracts of the papers presented.
- New: Conference app (Here you will find the conference proceedings, session- and speaker information and you will be able to engage with our exhibitors, sponsors, and other delegates. The app details will be shared before the event and after payment has been received).

CONFIRMATION

Once your registration is complete, you will receive a pro-forma invoice via e-mail. Therefore, please ensure that your current e-mail address is given on the registration form.

CANCELLATION

Notification of cancellation received, in writing, prior to or on Friday, 5 July 2024 will be subject to a 25% handling fee and processed after the conference. Delegates may be substituted at any stage. No refunds will be made on cancellations received after 5 July 2024.

DELEGATES ARE REMINDED THAT A COMPLETED REGISTRATION FORM IS TAKEN AS A FIRM COMMITMENT AND IN THE EVENT OF NON-ATTENDANCE, THE DELEGATE WILL BE HELD RESPONSIBLE FOR PAYMENT OF THE FULL ACCOUNT.

Please send proof of payment, using the pro forma invoice number as reference.

(A Tax invoice is issued after payment reflects on our bank statement)

ONLY PAID DELEGATES WILL BE ALLOWED TO ATTEND THE CONFERENCE

CPD ACCREDITATION

The conference is SAICE accredited and professional engineers will earn one credit per day of attendance. No attendance certificates will be issued. **In order to apply for credits, professional engineers must sign the special registration sheets (not the SATC conference registration sheets) at the conference registration desk on each day of attendance.**

PLENARY SPEAKERS

MONDAY

Ms Maphefo Anno-Frempong, Transport Education Training Authority (TETA) - CEO

TUESDAY

Ms Victoria Sheehan, Transportation Research Board (TRB) - Executive Director

WEDNESDAY

Engr. Ms Abimbola Akinajo, Lagos Metropolitan Area Transport Authority (LAMATA) - MD

SESSIONS

MONDAY, 8 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in their respective venues
OPENING SESSION	
08:30 – 08:50	PERFORMANCE BY SOUL BLEND, INCLUDING THE NATIONAL ANTHEM OF SA
08:50 – 09:00	INTRODUCTION – Dr Mathetha Mokonyama, Conference Chairman
09:00 – 09:10	WELCOME – Mr Philip Hendricks, Chairman, ATC Board
09:10 – 09:40	OPENING ADDRESS - Hon Sindisiwe Lydia Chikunga, Minister of Transport
09:40 – 10:25	PLENARY ADDRESS –
10:30 – 11:00	REFRESHMENTS

DELEGATES BREAK INTO PARALLEL SESSIONS AFTER THE REFRESHMENTS BREAK

(Detailed programme following on next page)

MONDAY, 8 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 - 10:30	OPENING SESSION
10:30 - 11:00	REFRESHMENTS
SESSION 1A – INFRASTRUCTURE	
SESSION CHAIR: Dr Emile Horak, Kubu Consultancy	
11:00 – 11:30	POOR PERFORMANCE OF COUNTERMEASURES ON A ROAD ON AN EXPANSIVE CLAY ROADBED - F Netterberg and F van Coppenhagen, WSP Consulting Engineers acting on behalf of KYD Consulting
11:30 – 12:00	TESTING OF LATERITIC MATERIALS FOR ROAD PAVEMENTS - P Paige-Green, Tshwane University of Technology, F Netterberg and MI PINARD
12:00 – 12:30	A NEW APPROACH TO ASSESSING THE DURABILITY OF BASIC CRYSTALLINE ROCKS AS ROAD AGGREGATES - P Paige-Green, Tshwane University of Technology and D Wessels, KBK Engineers
12:30 – 13:00	DISCUSSION
13:00 – 14:00	LUNCH
14:00 – 14:30	APPLICATION OF THE CONTIGUOUS AGGREGATE PACKING PRINCIPLE TO PREDICT DENSITY POTENTIAL, CBR AND RESILIENT MODULUS OF UNTREATED GRANULAR MATERIALS - E Horak, Research Associate UP and Kubu Consultancy, J Komba, University of Pretoria, K Jenkins, University of Stellenbosch, J Maina, University of Pretoria and E van Aswegen, Perth Airports-Project Engineer -Air fields Pavement MRWA, Perth
14:30 – 15:00	EXPLORING AGGREGATE INFLUENCE ON LONG-TERM SKID RESISTANCE IN SOUTH AFRICA - J Madida , Tshwane University of Technology and Universite Gustave Eiffel, France, WK Kupolati and J Snyman, Tshwane University of Technology and M Kane, Universite Gustave Eiffel, France
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	AN IN-ROAD SENSING DEVICE FOR PAVEMENT HEALTH MONITORING USING INTERNET OF THINGS AND SIGNAL PROCESSING - AJ Hoffman and A Fiorita, North-West University
16:00 – 16:30	PERPETUAL PAVEMENTS FOR SOUTHERN AFRICA - AM Hartman and N Mowzer, Zutari
16:30 – 17:00	DISCUSSION
17:00 – 18:30	COCKTAIL PARTY
18:30	BUS DEPARTS FOR APPOINTED HOTELS

MONDAY, 8 JULY

07:30 – 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 – 10:30	OPENING SESSION
10:30 – 11:00	REFRESHMENTS
SESSION 1B – INTEGRATED TRANSPORT AND SPATIAL DEVELOPMENT	
SESSION CHAIR: Mr Madumetja Moselakgomo, University of Johannesburg	
11:00 – 11:30	MOBILITY AT THE MARGINS - S Charlton , University of Witwatersrand
11:30 – 12:00	MICROSCALE SEGREGATION AND SOCIO-ECONOMIC SORTING IN GAUTENG IN RELATION TO TRANSPORTATION AND SPATIAL PLANNING - C Hamann , Gauteng City-Region Observatory
12:00 – 12:30	PROGRESS OF THE NATIONAL PLANNING COMMISSION IN ADDRESSING SPATIAL TRANSFORMATION – H Magidimisha-Chipungu , South African National Planning Commission
12:30 – 13:00	BRIDGING THE GAP BETWEEN POLICY AND PRACTICE IN SPATIAL TRANSFORMATION – L McKenna , Leila McKenna and Associates
13:00 – 14:00	LUNCH
14:00 – 14:30	UNPACKING THE DISTRICT DEVELOPMENT MODEL - M Tshangana , Director General, SA National Department of Cooperative Governance and Traditional Affairs
14:30 – 15:00	FOLLOW UP DISCUSSION
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	PROFESSIONALISATION OF TRANSPORT PLANNERS IN SOUTH AFRICA - S Dibakwane , SA National Department of Transport
16:00 – 16:30	BREAKING DOWN PROFESSIONAL SILOS: THE NEED TO IMPROVE COMMUNICATION BETWEEN PROFESSIONAL PLANNERS AND ENGINEERS - E Makoni , University of Johannesburg
16:30 – 17:00	FOLLOW UP DISCUSSION
17:00 – 18:30	COCKTAIL PARTY
18:30	BUS DEPARTS FOR APPOINTED HOTELS

MONDAY, 8 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 - 10:30	OPENING SESSION
10:30 - 11:00	REFRESHMENTS
SESSION 1C – TRAFFIC ENGINEERING THIS SESSION IS SPONSORED BY SYNTELL	
SESSION CHAIR:	
11:00 – 11:30	ROUNDBOUT CAPACITY STUDY - JC Krogscheepers , I van Tonder - Innovative Transport Solutions, SC Van As, SC Van As Traffic Engineer, A Papenfus, Infratech Solutions, J Sampson, TTT Africa, H Stander, H Ribbens and J Arries, Stellenbosch University
11:30 – 12:00	BEYOND SPREADSHEETS: NEXT-GENERATION EVACUATION MODELLING AT KOEBERG NUCLEAR POWER STATION - E Roux , GTS Consult, IW Ferreira, Techso, T Lamprecht, GTS Consult, R Botha, Urban Studio, G Hüsselmann and P Pretorius, Techso, S Mollagee and A de Bruin, City of Cape Town
12:00 – 12:30	ASSESSING URBAN INTER-MODALITY IN CAPE TOWN: A MICROSIMULATION ANALYSIS OF N2 HIGHWAY TRAFFIC PATTERNS FROM 2005 TO 2023 - M Zhou and M Vanderschuren, University of Cape Town
12:30 – 13:00	THE N2 COLLAPSE AT BOT RIVER: REGIONAL IMPACT ON TRAFFIC PATTERNS AND LESSONS LEARNT FOR RESILIENCE - MM Bruwer , D Bundy, A Erasmus and KLK Mokone, Stellenbosch University
13:00 – 14:00	LUNCH
14:00 – 14:30	MATHEMATICAL EVALUATION OF THE SAFETY EFFECTS OF EMBANKMENT ON CURVES FOR ROADS IN THE SOUTH AFRICAN CONTEXT - E Jacobs , iXengineers and M Sinclair, Stellenbosch University
14:30 – 15:00	THE IMPACT OF ROAD ACCESS MANAGEMENT ON TRAFFIC AND SAFETY OPERATIONS IN EMERGING URBAN CENTRES: CRITICAL ANALYSIS - OK Bore, OR Ambunda and PT Johannes, University of Namibia
15:00 – 15:30	REFRESHMENTS
15:30 – 15:45	SESSION SPONSOR - SYNTELL
15:45 – 16:15	OPERATIONAL CONDITIONS OF CONTINUOUS WAVE DOPPLER RADAR DEVICES FOR ACCURATE VEHICLE SPEED MEASUREMENT IN TRAFFIC MANAGEMENT - JR vanTonder , JT Arries, W Steyn and MM Bruwer, Stellenbosch University
16:15 – 16:45	COMPARING GRAPH NEURAL NETWORK-BASED TRAFFIC SPEED PREDICTION FOR STATIC SENSOR AND FLOATING VEHICLE DATA SETS - J Visagie, AJ Hoffman and J Joubert, North-West University
17:00 - 18:30	COCKTAIL PARTY
18:30	BUS DEPARTS FOR APPOINTED HOTELS

MONDAY, 8 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 - 10:30	OPENING SESSION
10:30 - 11:00	REFRESHMENTS
SESSION 1D – CAPACITY BUILDING/ TRANSPORT FOR RURAL DEVELOPMENT	
SESSION CHAIR: Prof James Chakwizira, University of Venda	
11:00 - 11:30	THE MAKHADO – MUSINA SPECIAL ECONOMIC ZONE (SEZ) IN LIMPOPO, ROAD MAP FOR SUSTAINABLE DEVELOPMENT – L Masoga
11:30 - 12:00	OUR MUNICIPAL ROADS AUTHORITIES: ARE THEY BUILT ON A WEAK FOUNDATION? - K Wall , University of Pretoria
12:00 - 12:30	CONTRIBUTIONS OF SOCIAL MEDIA TO PARATRANSIT/ MINIBUS TAXI CHALLENGES IN SOUTH AFRICA - DM Serumula and M Vanderschuren, University of Cape Town
12:30 - 13:00	THE NEXUS BETWEEN LOGISTICS AND REGIONAL DEVELOPMENT: INSIGHTS FROM NAMIBIA – S Dumba , National University of Science and Technology, Namibia
13:00 - 14:00	LUNCH
14:00 - 14:30	THE 4.0 INDUSTRIAL REVOLUTION AND ITS APPLICATION TO URBAN AND RURAL TRANSPORT IN AFRICA – T Gumbo , University of Johannesburg
14:30 - 15:00	THE IMPACT OF COVID-19 ON CROSS-BORDER ROAD TRANSPORT INDUSTRY – ZP Msibi, Cross-border Road Transport Agency
15:00 - 15:30	REFRESHMENTS
15:30 - 16:00	STUDY ON INNOVATIVE TECHNIQUES OF LANE-LEVEL DRIVING RISK FOR SMART TRANSPORT - L Chen , Southeast University, China
16:00 - 16:30	STUDY ON INNOVATIVE TECHNIQUES OF ROAD CAUSED DRIVING RISK FOR SMART TRANSPORT – F Nemangwele , University of Venda
16:30 - 17:00	DISCUSSION
17:00 - 18:30	COCKTAIL PARTY
18:30	BUS DEPARTS FOR APPOINTED HOTELS

MONDAY, 8 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 - 10:30	OPENING SESSION
10:30 - 11:00	REFRESHMENTS
SESSION 1E – RAIL	
SESSION CHAIR:	
11:00 - 11:30	ASPECTS TO CONSIDER WHEN DESIGNING A RAILWAY TRACK SLAB - C Edwards , Zutari
11:30 - 12:00	USING MACHINE LEARNING TECHNIQUES AS TRACK GEOMETRY PREDICTORS FOR RAILWAY TRACK - PC Hume , PJ Gräbe and G. Markou, University of Pretoria
12:00 - 12:30	THE IMPACT OF OPERATIONAL DELAYS AT THE PORT OF CAPE TOWN ON THE FRUIT INDUSTRY - G de Beer , Auto IH
12:30 - 13:00	
13:00 - 14:00	LUNCH
14:00 - 14:30	HUMAN RESOURCE DYNAMICS IN TANZANIA'S RAIL SECTOR: A GENDER EQUALITY AND SOCIAL INCLUSION (GESI) ANALYSIS - N Tanzarn , Independent International Consultant, Uganda
14:30 - 15:00	THE RECOVERY OF PASSENGER TRAIN SERVICES ON THE CENTRAL LINE, WESTERN CAPE, FOLLOWING THE SEVERE VANDALISM OF INFRASTRUCTURE AND STATIONS - F Marutla and R Maseko , PRASA
15:00 - 15:30	REFRESHMENTS
15:30 - 16:00	THE IMPACT OF THE NETWORK STATEMENT - W Sprong , University of Pretoria
16:00 - 17:00	PANEL DISCUSSION
17:00 - 18:30	COCKTAIL PARTY
18:30	BUS DEPARTS FOR APPOINTED HOTELS

TUESDAY, 9 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 - 09:25	PLENARY ADDRESS (Diamond Auditorium) – To be advised
09:25 – 09:30	Plenary breaks up into parallel sessions
SESSION 2A – INFRASTRUCTURE	
SESSION CHAIR: Dr Emile Horak, Kubu Consultancy	
09:30 – 10:00	SIZE MATTERS – THE IMPORTANCE OF PARTICLE SIZE IN THE DESIGN OF AN EFFECTIVE NANO MODIFIED EMULSION (NME) STABILISING AGENT FOR NATURALLY AVAILABLE GRANULAR MATERIALS (NAGM) IN ROADS - GJ Jordaan , Jordaan Professional Services and WJ vdM Steyn, University of Pretoria
10:00 – 10:30	ADAPT OR? - A ROAD PAVEMENT ENGINEERING EPIPHANY: ACKNOWLEDGE PROBLEMS AND ACCEPT SCIENTIFICALLY BASED DISRUPTIVE TECHNOLOGIES - GJ Jordaan , Jordaan Professional Services WJvdM Steyn, University of Pretoria and E Horak, Kubu Consultancy
10:30 – 11:00	REFRESHMENTS
11:00 – 11:30	LESSONS LEARNT FROM IMPLEMENTATION OF NANO MODIFIED EMULSION TECHNOLOGY ON STREET REHABILITATION ON A RECENT SANRAL FUNDED COMMUNITY DEVELOPMENT PROJECT - E Horak, J Kabale and Z Ndodana, Ndodana Consulting Engineers, F le Roux, Nyeleti Consulting Engineers, T Mathebula and R Oerlemans, SANRAL Northern Region
11:30 – 12:00	PRESERVATION OF GRAVEL ROADS TO MAKE THEM DURABLE AND EROSION RESISTANT USING TECHNOLOGY DISRUPTOR NANO-SILANES - E Horak , Kubu Consultancy, L du Plessis, Gauteng Department of Roads and Transport and GJ Jordaan, University of Pretoria and Tshepega Engineering
12:00 – 12:30	MATERIAL COMPATIBLE NANO MODIFIED EMULSION (MC-NME) TECHNOLOGIES IN SLURRY DESIGN AND APPLICATIONS FOR ROAD SURFACINGS - T Modise and M Murphy, Geonano Technologies and GJ Jordaan, Jordaan Professional Services/ University of Pretoria
12:30 – 13:00	DISCUSSION
13:00 – 14:00	LUNCH
14:00 – 14:30	TECHNOLOGY TRANSFER OF ROADS TECHNOLOGY (NANO MODIFIED EMULSION TREATMENT) TO ENGINEERED RAMMED EARTH HOUSE CONSTRUCTION - E Horak, Kubu Consultancy, K Horak, Owner Builder, GJ Jordaan University of Pretoria/Tshepega Engineering and M Murphy, Geonano
14:30 – 15:00	MERGING PROCUREMENT AND ENGINEERING REQUIREMENTS WITH THE INTRODUCTION OF NEW (NANO) MODIFIED EMULSION (NME) TECHNOLOGIES THROUGH “END PRODUCT SPECIFICATIONS” - GJ Jordaan , Jordaan Professional Services/ University of Pretoria and W J vdM Steyn, University of Pretoria
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	COMBINING BIO-BASED CEMENTATION WITH CEMENT STABILISATION FOR ROAD CONSTRUCTION - MA Smit , CSIR and FC Rust, Pavement Engineering Research Consultancy
16:00 – 16:30	MULTICRITERIA ANALYSIS (MCA) EVALUATION TOOL FOR ASSESSMENT OF INFRASTRUCTURE PROJECTS BASED ON ESG & FUTURE READY PRINCIPLES – KJ Rammutla, G Yungwirth, M Muthen, S Capstick, A Mchunu, WSP Group
16:30 – 17:00	DISCUSSION
17:10	BUS DEPARTS FOR APPOINTED HOTELS

TUESDAY, 9 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 - 09:25	PLENARY ADDRESS (Diamond Auditorium) – To be advised
09:25 – 09:30	Plenary breaks up into parallel sessions
SESSION 2B – PUBLIC TRANSPORT	
SESSION CHAIR: Prof Roger Behrens, University of Cape Town	
09:30 – 10:00	THE ASSOCIATION BETWEEN TRANSPORT NETWORK LENGTH AND ECONOMIC ACTIVITY: A CASE STUDY OF CAPE TOWN - M Knipe and SC Krygsman, Stellenbosch University
10:00 – 10:30	THE NEED FOR TRANSPORT JUSTICE IN CAPE TOWN AND THE BROADER SOUTH AFRICAN CONTEXT: A REVIEW OF THE LITERATURE - MF Moos and MJWA Vanderschuren, University of Cape Town
10:30 – 11:00	REFRESHMENTS
11:00 – 11:30	THE CASE FOR PRIORITY INFRASTRUCTURE: A QUANTIFICATION OF THE BENEFITS TO MINIBUS TAXIS USING MICROSIMULATION - LR de Beer and CJ Venter, University of Pretoria
11:30 – 12:00	REGULATION IS NOT ENOUGH: STRUGGLING PARATRANSIT REFORM IN KENYA M Kihato and C Gitu, PlanningHub
12:00 – 12:30	PUBLIC TRANSPORT DRIVERS' PERCEPTIONS OF PASSENGERS: A CASE STUDY OF BOSMAN TAXI RANK, PRETORIA - SE Khoza , D Khosa and AA Olutola, Tshwane University of Technology
12:30 – 13:00	DEVELOPMENT OF A GEOSPATIAL DATABASE OF MBT RANKS: LOS CATEGORISATION OF FACILITIES IN GAUTENG - S Mhlanga, O Akinnusi, K Bosilong, R Malope, CSIR Smart Mobility
13:00 – 14:00	LUNCH
14:00 – 14:30	MOTORCYCLE TAXI SERVICE IN THE CITY OF NAMPULA (MZ): BRIEF PROFILE OF OPERATORS AND ACTIVITY - A do Rosario Felix, Í Itamar Stephan, TF Cristina de Almeida
14:30 – 15:00	LESSONS FROM ONE-WAY INTER-PROVINCIAL PERMITS AND MUNICIPAL PUBLIC TRANSPORT ISSUES IN SOUTH AFRICAN TOWNS - DM Serumula and M Vanderschuren, University of Cape Town
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	STUDENTS' VISION ON PUBLIC TRANSPORT NETWORKS, CASE CAPE TOWN - P Onderwater , Hatch Africa, M Pretorius, Independent consultant and M Zuidgeest, University of Cape Town
16:00 – 16:30	DO MUNICIPALITIES IN SOUTH AFRICA REFLECT CAPACITY AND UNDERSTANDING TO GIVE EFFECT TO PLANNING REQUIREMENTS OF THE NATIONAL LAND TRANSPORT ACT NO.5 OF 2009? - L Mabece , Bulumko Corporate Law Advisers & Consultants and E Ngomane, Palama Consulting Engineers
16:30 – 17:00	URBAN PLANNING AND PUBLIC TRANSPORTATION: AN HISTORICAL OVERVIEW OF SOUTH AFRICA - M Hugo, J Bhanye and A Matamanda, University of the Free State
17:10	BUS DEPARTS FOR APPOINTED HOTELS

TUESDAY, 9 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 - 09:25	PLENARY ADDRESS (Diamond Auditorium) – To be confirmed
09:25 – 09:30	Plenary breaks up into parallel sessions
SESSION 2C – TRAFFIC MANAGEMENT, SAFETY AND SECURITY	
SESSION CHAIR: Dr Karien Venter, CSIR	
09:30 – 10:00	TALES FROM THREE CONSTRUCTION SITES: A QUALITATIVE INVESTIGATION INTO WORK ZONE SAFETY - K Mokgatle, L Nemauluma, M Miyambu, WA Van Gruting, A Juba, B Masombuka, J Lowe, J Sampson, A Menon and E de Beer, SANRAL Technical Excellence Academy and K Venter, CSIR
10:00 – 10:30	ROAD SAFETY IMPROVEMENTS IN THE CITY OF CAPE TOWN, AN ECONOMY BASED APPROACH - TE Lane-Visser and MJWA Vanderschuren, University of Cape Town
10:30 – 11:00	REFRESHMENTS
11:00 – 11:30	PROPENSITY TO CYCLE AMONG STUDENTS IN BELLVILLE, CAPE TOWN: A BEST-WORST SCALING APPROACH - G Hitge and CJ Venter, University of Pretoria
11:30 – 12:00	MAINTENANCE STRATEGY FOR PERI-URBAN PEDESTRIAN INFRASTRUCTURE IN PIETERMARITZBURG CITY - WT Marule, Durban University of Technology, N Bashingi, Cape Peninsula University of Technology, A Chetty, University of Pretoria, JA Adedeji, Durban University of Technology and J Honiball, Tshwane University of Technology
12:00 – 12:30	ASSESSING USER PERCEPTION VERSUS ENGINEERING AUDIT, A SAFE ROUTE TO SCHOOL IN KHAYELITSHA - OK Mwaura and MJWA Vanderschuren, University of Cape Town
12:30 – 13:00	AN EXAMINATION INTO PROSPECTIVE RESEARCH AREAS CONCERNING THE SAFETY OF LEARNER TRANSPORT, SPECIFICALLY FOCUSING ON INTENTIONAL HARM - M Rathogwa , CSIR
13:00 – 14:00	LUNCH
14:00 – 14:30	TOWARDS THE SECOND DECADE OF ACTION FOR ROAD SAFETY: IMPROVING CRASH DATA RECORDING IN SOUTH AFRICA - L Monyatsi and M Vanderschuren, University of Cape Town
14:30 – 15:00	THE IMPACT OF EXISTING AND “IDEAL” ROAD DESIGN CHARACTERISTICS ON ROAD SAFETY: THE CASE OF NAMIBIA - R Ambunda , University of Namibia and M Sinclair, Stellenbosch University
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	ANALYZING ACCIDENT RISK THROUGH HAZARDOUS MANEUVERS IN VARIOUS TRAFFIC CLUSTERS: A CASE STUDY OF NATIONAL ROAD NO.1 (EN1) IN NAMPULA CITY, MOZAMBIQUE - CL Fernando , Universidade Lúrio, Mozambique, DV Fijamo , Universidade de Coimbra, Portugal
16:00 – 16:30	THE APPLICABILITY OF GEOMATICS TOOLS IN THE SPATIAL ANALYSIS OF ROAD CRASHES: A CASE STUDY OF CRASHES AT ROAD INTERSECTIONS IN CAPE TOWN - S Vieira , S Hull and R Behrens, University of Cape Town
16:30 – 17:00	COMBINING RFID AND IMAGE-BASED VEHICLE IDENTIFICATION DATA TO DETECT ILLEGAL VEHICLES - AJ Hoffman and M Fiorita, North-West University
17:10	BUS DEPARTS FOR APPOINTED HOTELS

TUESDAY, 9 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 - 09:25	PLENARY ADDRESS (Diamond Auditorium) -
09:25 – 09:30	Plenary breaks up into parallel sessions
SESSION 2D – AVIATION, FREIGHT AND LOGISTICS	
AVIATION	
SESSION CHAIR: Mr Jon Heeger, GWI Aviation	
09:30 – 10:00	INNOVATIVE DEVELOPMENTS IN AVIATION IN PURSUIT OF ICAO 2050 ZERO-CARBON TARGETS - M Langeslag
10:00 – 10:30	SERVICE QUALITIES IN THE CARGO LOGISTICS INDUSTRY IN NIGERIA - AJ Adenigbo , J Mageto and R Luke, University of Johannesburg
10:30 – 11:00	REFRESHMENTS
11:00 – 11:30	THE FUTURE OF URBAN AIR TRANSPORTATION IN SMART CITIES: A SOUTH AFRICAN CONTEXT - TK Maloka and EA Burger, Tshwane University of Technology, JE Honiball, Military Technological College, Oman and WA Elsaigh, University of South Africa
11:30 – 12:15	STATE-OF -PLAY IN THE RESTRUCTURING AND PARTIAL PRIVATISATION OF MUNICIPAL AIRPORTS IN SOUTH AFRICA – J Heeger
12:15 – 13:00	PANEL DISCUSSION: CURRENT UPSKILLING AND RESKILLING CHALLENGES IN SA AVIATION– B Ssamula , ECSA, M Langeslag , J Heeger , S Nkabinde
13:00 – 14:00	LUNCH
FREIGHT AND LOGISTICS	
SESSION CHAIR: Prof Wilna Bean, University of Pretoria	
14:00 – 14:30	SA INC LOGISTIC NETWORK: IDENTIFYING THE GAP BETWEEN DESIGNED & DEMONSTRATED CAPACITY WITH THE AIM OF OPTIMIZING TRADE FLOWS IN SUPPORT OF ECONOMIC GROWTH – J Maree , SAAFF and NLCC member
14:30 – 15:00	NOVEL SYSTEM FOR COMPLIANCE MONITORING OF SOUTH AFRICAN CROSS-BORDER TRANSPORT – AJ Hoffman , SJ Rabè , JH Visagie , A le Roux and M Thoso , North-West University
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	A HOLISTIC STRATEGY TO BALANCE LAW ENFORCEMENT WITH FREIGHT MOBILITY PART 1 – G de Wet , Static Motion
16:00 – 16:30	A HOLISTIC STRATEGY TO BALANCE LAW ENFORCEMENT WITH FREIGHT MOBILITY PART 2 – PA Nordengen , Heavy Vehicle Transport Technology Africa
16:30 – 17:00	To be confirmed
17:10	BUS DEPARTS FOR APPOINTED HOTELS

WEDNESDAY, 10 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 - 09:25	PLENARY ADDRESS (Diamond Auditorium) – Engr. Abimbola Akinajo, Managing Director LAMATA
09:25 – 09:30	Plenary breaks up into parallel sessions
SESSION 3A – INFRASTRUCTURE	
SESSION CHAIR: Dr Emile Horak, Kubu Consultancy	
09:30 – 10:00	ADVANCED GEOMETRY MADE SIMPLE USING COMPUTATION DESIGN TECHNIQUES - R Burke, Zutari
10:00 – 10:30	SYSTEMISATION OVER STANDARDISATION: A COMPUTATIONAL DESIGN APPROACH TO DIGITAL TRANSFORMATION WITHIN CIVIL INFRASTRUCTURE ENGINEERING, BIM, MODELLING AND DRAFTING - AK van der Laan, A Broekman and R Burke, Zutari
10:30 – 11:00	REFRESHMENTS
11:00 – 11:30	EFFICIENT CULVERT LOAD RATING THROUGH DATA-DRIVEN SOLUTIONS - M Venter and J Booysen, Zutari
11:30 – 12:00	EVALUATION OF ROAD CONDITION INDICES METHODS AND APPLICABILITY FOR USE IN MACHINE LEARNING - M Simelane and A Rampersad, CSIR
12:00 – 12:30	PERFORMANCE ASSESSMENT OF EMULSIFIED COLD MIX ASPHALT FOR LOW TRAFFIC ROADS IN ETHIOPIA - AN Ali, Ethiopian Roads Administration, Ethiopia
12:30 – 13:00	DISCUSSION
13:00 – 14:00	LUNCH
14:00 – 14:30	COMPARING THE NEWLY IMPLEMENTED CBR TEST METHOD WITH ACTUAL FIELD CONSTRUCTION: SOUTH AFRICA - MW Heyns , Jodan Construction, E Mukandila, Real Baobab, N Herbst and J Potgieter, Roadlab
14:30 – 15:00	INVESTIGATING THE USE OF THE ADIABATIC CALORIMETRY TO CHARACTERIZE CONCRETE ROAD PAVEMENT MIXES - B Moasa, R Mokoena and R Pitso, CSIR Smart Mobility
15:00 – 15:30	REFRESHMENTS
15:30 – 17:00	STUDENT ESSAY PRESENTATIONS
17:10	BUS DEPARTS FOR APPOINTED HOTELS

WEDNESDAY, 10 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 - 09:25	PLENARY ADDRESS (Diamond Auditorium) - Engr. Abimbola Akinajo, Managing Director LAMATA
09:25 – 09:30	Plenary breaks up into parallel sessions
SESSION 3B – URBAN MOBILITY	
SESSION CHAIR: Dr Megan Bruwer, Stellenbosch University	
09:30 – 10:00	UNDERSTANDING TRAVEL BEHAVIOUR IN CAPE TOWN THROUGH INVESTIGATING THE APPLICATION OF ALTERNATIVE DATA SOURCES - M Coetsee, L Pretorius, C Krogscheepers and S de Bruin, Innovative Transport Solutions
10:00 – 10:30	THE IMPORTANCE OF UPSKILLING OUR UNDERSTANDING OF URBAN TRAVELLER BEHAVIOUR - GP Hayes , University of Pretoria
10:30 – 11:00	REFRESHMENTS
11:00 – 11:30	A WEB OF FACTORS AND DEPENDENCIES TO CONSIDER IN THE ELECTRIFICATION OF SOUTH AFRICA'S MINIBUS TAXI INDUSTRY - A Jahura and MJWA Vanderschuren, University of Cape Town and MJ Booyesen, Stellenbosch University
11:30 – 12:00	A SURVEY OF ELECTRICAL BICYCLE INFRASTRUCTURE: ADAPTATIONS AND CONVERSION CHALLENGES - MGD Gololo , S Rimer, OM Longe, and L Tivani, University of Johannesburg
12:00 – 12:30	AN ANALYSIS OF SHARED ELECTRIC BICYCLE INFRASTRUCTURE REQUIREMENTS FOR SOUTH AFRICA - MGD Gololo , S Rimer, OM Longe, and L Tivani, University of Johannesburg
12:30 – 13:00	IMPLICATIONS FOR TRANSITIONING TO AN ALTERNATIVE FUEL BUS FLEET A cost and climate impact perspective - M Steenkamp and CMR Mtizi, Zutari
13:00 – 14:00	LUNCH
14:00 – 14:30	HARNESSING CHOICE USERS TO USE PUBLIC TRANSPORT IN SOUTH AFRICA - L van Wyk and P Onderwater, Hatch Africa
14:30 – 15:00	POST-COVID 19 TRAVEL PATTERNS: A LITERATURE REVIEW - EM Hirwa, DK Das and M Mostafa, University of KwaZulu-Natal
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	ENHANCING SAFE MOBILITY USING INCLUSIVE INTELLIGENT INFRASTRUCTURE MANAGEMENT SYSTEM - S Abejide , CSIR and J Adedeji, Durban University of Technology
16:00 – 16:30	TRAFFIC DATA COLLECTION AND ANALYSIS USING AI TECHNOLOGY - BN Roberts and WA Khan, Moyeni Professional Engineering
16:30 – 17:00	A FRESH PERSPECTIVE ON ACCESS, ACCESSIBILITY AND MOBILITY TOWARDS A SMART, ACCESSIBLE TRANSPORT SYSTEM; MEETING THE NLTSF VISION AND REQUIREMENTS FOR GEORGE'S CIP USING A DYNAMIC TRANSPORT MODEL WITH LAND USE INTEGRATION - IW Ferreira , Techso, E Roux, GTS Consult, L Retief, SM Fautley and G Hüsselmann, Techso, A du Toit, Neil Lyners & Associates, J Robb, Z Vanqa, L Groenewald and D Power, George Municipality
17:10	BUS DEPARTS FOR APPOINTED HOTELS

WEDNESDAY, 10 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 – 09:25	PLENARY ADDRESS (Diamond Auditorium) - Engr. Abimbola Akinajo, Managing Director LAMATA
09:25 – 09:30	Plenary breaks up into parallel sessions
SESSION 3C – ENGINEERING FOR SAFE SYSTEM FORUM 2024 Safer roads and roadsides	
SESSION CHAIR: Mr Jason Lowe, SANRAL	
09:30 – 10:00	BACKGROUND AND INTRODUCTION TO THE ESSF - South African Road Federation /Road Traffic Management Corporation
10:00 – 10:30	POST-CRASH CARE RESPONSE AND THE ROLE OF ROAD SAFETY ENGINEERING IN SAFER ROADSIDES - D Adams , SANRAL Road Safety Engineering Focus Group / Regional Project manager Road Incident Management Systems
10:30 – 11:00	REFRESHMENTS
11:00 – 11:30	FRANGIBLE POLES AND KILOMETRE MARKERS – L Monyatsi , RTMC and B Marole , CSIR
11:30 – 12:00	SAFER ROADSIDES – DESIGN CONSIDERATIONS CASE STUDY FOR JOHANNESBURG CITY COUNCIL – E Bergman , Bakgoni Engineers
12:00 – 12:30	UPDATE ON DEVELOPMENT AND IMPLEMENTATION OF TMH 24 SOUTH AFRICAN ROAD RESTRAINT SYSTEMS - A van Gruting , SANRAL Technical Excellence Academy
12:30 – 13:00	RAPSA APPLICATION TO N10 OLIFANTSKOP PASS – P Cholo , SANRAL Technical Excellence Academy
13:00 – 14:00	LUNCH
14:00 – 14:30	BACKGROUND AND PREPARATION FOR THE 24 FEBRUARY 2024 ESTON CRASH TEST – C Proctor Parker , Accident Specialist and R Stopforth , University of Kwa-Zulu Natal
14:30 – 15:00	PRELIMINARY FINDINGS FROM THE RRS BARRIER CRASH TEST = MOTORCYCLE AND SUV - C Proctor Parker , Accident Specialist and R Stopforth , University of Kwa-Zulu Natal
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	PRELIMINARY FINDINGS FROM THE VRU CRASH TEST – K Muronga , T Matsaung and P Mashaba , CSIR
16:00 – 16:30	FACILITATED DISCUSSION
16:30 – 17:00	CLOSURE, SOUTH AFRICAN ROAD FEDERATION
17:10	BUS DEPARTS FOR APPOINTED HOTELS

WEDNESDAY, 10 JULY

07:30 – 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 – 09:25	PLENARY ADDRESS (Diamond Auditorium) - Engr. Abimbola Akinajo, Managing Director LAMATA
09:25 – 09:30	Plenary breaks up into parallel sessions
SESSION 3D – MARITIME	
SESSION CHAIR: Mr Tebogo Mojafi, South African Maritime Safety Authority (SAMSA)	
09:30 – 10:00	INSTITUTIONALIZATION OF PORTS: THE SOUTH AFRICAN STORY - S Smith-Godfrey , South African International Maritime Institute
10:00 – 10:30	DIGITAL DYNAMIC CAPABILITIES THAT MAY ENHANCE PORT EFFICIENCY - C Mara and SP Mokoena, University of Johannesburg
10:30 – 11:00	REFRESHMENTS
11:00 – 11:30	THE CHANGING ROLE OF THE SEAFARER- T Mojafi , SAMSA
11:30 – 12:00	MARITIME SKILLS AND DEVELOPMENT - SAIMI
12:00 – 12:30	MARITIME EMPLOYMENT PROGRAMME - SAMSA
12:30 – 13:00	FUNDING OPPORTUNITIES FOR MARITIME DEVELOPMENT – DHET/ TETA
13:00 – 14:00	LUNCH
14:00 – 14:30	SEAWATER QUALITY ANALYSIS - P Baker , University of the Western Cape
14:30 – 15:00	THE EFFECTS OF SHIPPING NOISE POLLUTION ON OCEAN ORGANISMS - NMU
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	SUPPORTING THE PROMOTION OF MARITIME INTERESTS- PROVINCIAL AGENDAS - MKI
16:00 – 16:30	THE ROLE OF MARITIME CHAMBERS IN PROMOTING MARITIME ENTREPRENEURSHIP - MARITIME BUSINESS CHAMBER
16:30 – 17:00	SUMMARY OF THE DAY
17:10	BUS DEPARTS FOR APPOINTED HOTELS

WEDNESDAY, 10 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
08:30 – 09:25	PLENARY ADDRESS (Diamond Auditorium) – Engr. Abimbola Akinajo, Managing Director LAMATA
09:25 – 09:30	Plenary breaks up into parallel sessions
SESSION 3E - THE OPPORTUNITIES OF STI CO-OPERATIONS WITH BRICS COUNTRIES	
SESSION CHAIR: Mr Daan du Toit, DSI	
09:30 – 10:00	THE CASES OF THE STI STRATEGY WITH THE BRICS COUNTRIES - A Morgan , Chief Director, DSI, RSA
10:00 – 10:30	A CRITICAL NEED FOR DIGITAL TECHNOLOGICAL ONLINE EDUCATION IN COLLABORATION WITH THE BRICS COUNTRIES - J Grundling (Executive Vice President of the Science, Engineering & Technology and Education Association of Southern Africa and China)
10:30 – 11:00	REFRESHMENTS
11:00 – 11:30	INTEGRATED TRANSPORT PLANNING IN SOUTH AFRICA - R Mashava , DDG, DoT, RSA (to be confirmed)
11:30 – 12:00	FROM ETHICS OF GOOD INTENTION TO ETHICS OF RESPONSIBILITY IN TRANSPORT PLANNING - B Makobe , South Africa-China Transport Co-operation Centre (SACTCC)
12:00 – 12:30	THE CASE OF THE SPACE CO-OPERATIONS WITH THE BRICS COUNTRIES - H Mudau , South African National Space Agency (NANSA) (to be confirmed)
12:30 – 13:00	THE CASE OF THE SPACE CO-OPERATIONS WITH THE BRICS COUNTRIES - A Gristenko , Russian Embassy, Ethiopian Specialist or Egyptian Specialist
13:00 – 14:00	LUNCH
14:00 – 14:30	APPLICATION OF BEIDOU/GNSS OPPORTUNISTIC SIGNAL IN SURFACE PARAMETERS OBSERVATION - J Li , Beihang University, China
14:30 – 15:00	GSTAR AND BDS IN TERRESTRIAL REFERENCE FRAMES - T Zhang , Beihang University, China
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	A CASE STUDY ON THE INTELLIGENT AND SMART ACCELERATED PAVEMENT SYSTEM - L Chen , Southeast University, China
16:00 – 16:30	INVESTIGATION ON THE MATERIAL USED FOR REINFORCEMENT DETERIORATION ROAD AND VEHICLE DRIVING STABILITY IN VHEMBE REGION, LIMPOPO PROVINCE - F Nemangwele , University of Venda
16:30 – 17:00	RESEARCH AND APPLICATION OF COMPOSITE GIRDER BRIDGES WITH CORRUGATED STEEL WEBS - R Li , CCCC Second Highway Consultant
17:10	BUS DEPARTS FOR APPOINTED HOTELS

THURSDAY, 11 JULY

07:30 – 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
SESSION 4A – INTEGRATED PUBLIC TRANSPORT NETWORKS	
SESSION CHAIR: Ms Mahlako Mogoashane, Bombela Operating Company	
08:30 – 09:00	TOWARDS A FRAMEWORK FOR THE INTEGRATION OF MINIBUS TAXI SERVICES INTO THE INTEGRATED PUBLIC TRANSPORT NETWORK PLANS (IPTNs) OF SOUTH AFRICAN CITIES - H Gaibe , N McLachlan, H Schalekamp, M Molomo and P Ackerman, National Treasury
09:00 – 09:30	INCORPORATING CONTRACTED MINIBUS-TAXIS INTO TRANSITIONAL INTEGRATED PUBLIC TRANSPORT NETWORKS: THE CASE OF RUSTENBURG - A Chetty , C Venter, M Angurini and D Muhanguzi, University of Pretoria and O Moleele, Rustenburg Rapid Transport
09:30 – 10:00	PROVISION OF PUBLIC TRANSPORT SERVICES USING A COMBINATION OF MINIBUS TAXI TYPE AND STANDARD BRT BUS VEHICLES: THE RUSTENBURG CASE - B Maseko , The Economist
10:00 – 10:30	REFLECTIONS/ DISCUSSION
10:30 – 11:00	REFRESHMENTS
11:00 – 11:30	ASSESSMENT OF ADDIS ABABA LRT STADIUM STATION FOR DEVELOPMENT OF AN INTEGRATED TRANSPORT INTERCHANGE - BZ Dube , National Railways of Zimbabwe, Zimbabwe and YM Emagnu, Addis Ababa University, Ethiopia
11:30 – 12:00	TRANSPORT DEMAND MODEL FOR THE CITY OF JOHANNESBURG – A METHODOLOGY FRAMEWORK - R Malope and N Cheure, CSIR
12:00 – 12:30	ENHANCING PUBLIC TRANSPORT RESEARCH THROUGH IMPROVED DATA QUALITY AND ACCESSIBILITY: A CASE STUDY IN JOHANNESBURG - C Karsten , C Beetge and P Burger, CSIR
12:30 – 13:00	REFLECTIONS/ DISCUSSION
13:00 – 14:00	LUNCH
14:00 – 14:30	OPTIMIZATION OF ADDIS ABABA LRT STADIUM STATION INTERCHANGE BASED ON MICROSIMULATION MODELING - BZ Dube , National Railways of Zimbabwe, Zimbabwe and YM Emagnu, Addis Ababa University, Ethiopia
14:30 – 15:00	AN INTEGRATED PUBLIC TRANSPORT PLANNING APPROACH FOR DEVELOPING CITIES: A CASE STUDY OF CITY OF TSHWANE - KM Masiagwala , City of Tshwane and N Cheure, University of Pretoria
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	INNOVATIONS IN FINANCING LAND TRANSPORT - E Kabinde and B Marole, CSIR
16:00 – 16:30	PASSENGER'S PERCEPTION OF THE QUALITY OF INTER-STATE PUBLIC TRANSPORT SERVICES IN KATSINA - Shafii, Husaini and Ubogu, E Andrew, Federal University Dutsin-Ma, Nigeria
16:30 – 17:00	REFLECTIONS/ DISCUSSION
17:10	BUS DEPARTS FOR APPOINTED HOTELS

THURSDAY, 11 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
SESSION 4B – SAICE/ SANRAL – CRITICAL THINKING: GOING BACK TO BASICS	
SESSION CHAIR: Mr Alan Robinson, SANRAL	
08:30 – 09:00	FROM THE MIND OF THE INEXPERIENCE TO THAT OF AN EXPERT THROUGH CRITICAL THINKING AND FORMULATING THE QUESTION? - F Slabbert , SAICE President Elect 2025 and A Robinson , South African National Roads Agency
09:00 – 09:30	SYSTEMS APPROACH TO TRANSPORT PLANNING FOR A SUSTAINABLE FUTURE - M Swart , City of Cape Town
09:30 – 10:00	TRANSPORT PLANNING FOR THE FUTURE AND GETTING THERE? - A Robinson , South African National Roads Agency and G Hayes , University of Pretoria
10:00 – 10:30	DATA SANITY: THE FOUNDATIONS OF ROBUST SOLUTIONS - R Chetty , eThekweni Metro Municipality and A Robinson , South African National Roads Agency
10:30 – 11:00	REFRESHMENTS
11:00 – 11:30	USER-CENTRIC PUBLIC TRANSPORT SYSTEMS - R Chetty , eThekweni Metropolitan Municipality and R Pillay , DC Traffic SA
11:30 – 12:00	PLANNING EQUITABLE ACCESS FOR ALL; G Laing , SEE Sustainability cc and M Engelbrecht , Continuum Transport Planning
12:00 – 12:30	PIONEERING TRAFFIC ENGINEERING FOR THE FUTURE - J Brink , Innovative Transport Solutions and T van der Heever , EDS Consulting Engineers
12:30 – 13:00	DISCUSSION
13:00 – 14:00	LUNCH
14:00 – 14:30	ENSURING SAFE TRANSPORT FOR ALL - L Roodt , Roodt Transport Safety and N Busakwe , Gauteng Department of Roads and Transport
14:30 – 15:00	IMPORTANCE OF TRAFFIC INPUT INTO GEOMETRIC DESIGN - L Dlanjwa , South African National Roads Agency and L Roodt , Roodt Transport Safety
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	CONSIDERATIONS FOR PAVEMENT DESIGN - E Makundila , Pavement Engineer at Real Baobab and N Busakwe , Gauteng Department of Roads and Transport
16:00 – 16:30	RECAP/SUMMARY/CLOSURE/ TAKE-AWAYS - A Robinson , South African National Roads Agency END OF SESSION
17:10	BUS DEPARTS FOR APPOINTED HOTELS

THURSDAY,11 JULY

07:30 – 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
SESSION 4C – INTERNATIONAL WOMEN IN TRANSPORT	
SESSION CHAIR: Ms Yolisa Mabece and Ms Mavis Mhlanga Mochadibane, IWIT	
08:30 – 09:00	Y Mabece and M Mhlanga-Mochadibane
09:00 – 09:30	THE WARFARE OF INCLUSION - N Songelwa , SkofNom
09:30 – 10:00	V Leyka , Seraph Network
10:00 – 10:30	Keynote Address: Ms Thenjiwe Mthintso , The Ambassador SA High Commissioner to Namibia
10:30 – 11:00	REFRESHMENTS
11:00 – 11:30	P Difeto , Women in Maritime SA (WOMESA)
11:30 – 12:00	N Skosana , Women in Trucking
12:00 – 12:30	M Harmse , DP World/ Imperial Logistics Northwest
12:30 – 13:00	S Makhanya , Ports Regulator South Africa
13:00 – 14:00	LUNCH
14:00 – 14:30	Mozambique, Lalgy
14:30 – 15:00	M Rathogwa , CSIR
15:00 – 15:30	REFRESHMENTS
15:30 – 16:00	E Strauss , Reinhardt Transport
16:00 – 16:30	X Neshunzhi
16:30 – 17:00	To be confirmed
17:10	BUS DEPARTS FOR APPOINTED HOTELS

THURSDAY, 11 JULY

07:30 - 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
<p>SESSION 4D – PUBLIC PRIVATE PARTNERSHIP WORKSHOP</p> <p>Tipping point towards delivery of sustainable public transport systems in Global South cities – The effective integration of mini-bus taxi services within the broader public transport network.</p>	
SESSION CHAIR: Ms Laverne Dimitrov, DBSA	
08:30 – 09:00	PUBLIC TRANSIT SYSTEMS AS A CATALYST TO ECONOMIC GROWTH - MEC Eastern Cape, DoT - transit systems (To be confirmed)
09:00 – 09:30	ROLE OF MINI-BUS TAXIS IN CITY OF CAPE TOWN INTEGRATED PUBLIC TRANSPORT NETWORK PLANS – C Holderness , City of Cape Town
09:30 – 10:00	ROLE OF MINI-BUS TAXIS IN GEORGE INTEGRATED PUBLIC TRANSPORT NETWORK PLANS
10:00 – 10:30	GENDER BASED ECOSYSTEM FOR PARATRANSIT OPERATIONS AND INFRASTRUCTURE - Ms Setlaba-Tsiane , DBSA
10:30 – 11:00 REFRESHMENTS	
11:00 – 11:30	TRANSFORMING TRANSIT THROUGH PRIVATE PARTNERSHIPS - N Mpana , DBSA
11:30 – 12:00	CORPORATISATION OF THE MINIBUS TAXI SECTOR – Chairperson and 1 st Deputy, SANTACO
12:00 – 12:30	FINANCING OF PARATRANSIT INFRASTRUCTURE- INVESTMENT PARTNER – Mr Nyoka , Mcap Advisory
12:30 – 13:00	MINIBUS TAXI TRANSFORMATION AND CORPORATISATION ROUNDTABLE SESSION 2: FINANCE MODELS AND OPERATIONS – Ms Mazolo , EQ Consulting
13:00 – 14:00 LUNCH	
14:00 – 14:30	DIGITALISATION OF MINIBUS TAXI INDUSTRY - THE KEY TO FORMALISATION – Mr Wenborn , Ecentric Payment Systems
14:30 – 15:00	DEVELOPING A TRANSFORMATIONAL LEADERSHIP MODEL FOR THE MINIBUS TAXI SECTOR IN THE WESTERN CAPE – C Arendse , RACS
15:00 – 15:30 REFRESHMENTS	
15:30 – 16:00	TRANSPORT OPERATOR - OPERATIONAL EFFICIENCY GAINS AND INTEGRATION WITH PRIVATE SECTOR VENDORS – Mr Gabriels , U-Move
16:00 – 16:30	CASHLESS SYSTEMS FOR MINIBUS TAXI COMMUTERS AND SCHOLAR TRANSPORT IN THE EASTERN CAPE - ECTTC CEO / SANTACO Chairman - Eastern Cape (To be confirmed)
16:30 – 17:00	CITY OF CAPE TOWN TAXI PROJECT: SHAYELA SMART PROGRAMME – Ms van den Berg , City of Cape Town
17:10	BUS DEPARTS FOR APPOINTED HOTELS

THURSDAY, 11 JULY

07:30 – 08:30	REGISTRATION AND REFRESHMENTS
08:10	Briefing for presenters and chairs in the respective venues
SESSION 4E – RTMC SAFE SYSTEM APPROACH WORKSHOP	
SESSION CHAIR: Mr Lemo Monyatsi, Road Traffic Management Corporation (RTMC)	
08:30 – 09:30	THE GLOBAL PLAN, THE RTMC'S APPROACH TO THE DECADE OF ACTION 2021 - 2030 (DoA) AND THE ROLE OF THE SAFE SYSTEM APPROACH (SSA). STATE OF ROAD SAFETY IN SOUTH AFRICA – L Monyatsi , Road Traffic Management Corporation (RTMC) THE RTMC'S APPROACH TO THE DECADE OF ACTION 2021 - 2030 (DOA) AND THE ROLE OF THE SAFE SYSTEM APPROACH (SSA) – M Legodu , Road Traffic Management Corporation (RTMC)
09:30 – 10:30	THE NATIONAL ROAD SAFETY STRATEGY 2016 – 2030 AS IMPLEMENTING TOOL FOR DoA AND SSA SPECIALISED ROAD CRASH INVESTIGATION – P Shibambo , Road Traffic Management Corporation (RTMC)
10:30 – 11:00	REFRESHMENTS
11:00 – 12:00	PROGRESS ON THE GOVERNMENTAL SECTOR IMPLEMENTATION OF THE DoA AND SSA (NRSS AND OTHER SECTORS) AUTONOMOUS VEHICLES AND ROAD SAFETY – S Ssekabira , Department of Transport SOUTH AFRICAN VEHICLE SAFETY STANDARDS – T Kaula , National Regulator for Compulsory Specifications (NRCS) THE IMPACT OF GREY VEHICLES (IMPORT AND EXPORT) ON ROAD SAFETY – S Modiba , International Trade Administration Commission of South Africa (ITAC)
12:00 – 13:00	PROGRESS ON THE NON-GOVERNMENTAL SECTOR INVOLVEMENT /INITIATIVES TO IMPLEMENT THE DoA AND THE SSA FEEDBACK FROM THE PREVIOUS WORKSHOP – H Ribbens , Consultant CHANGING DRIVER BEHAVIOUR TO PROMOTE ROAD SAFETY – E Herbert , MasterDrive
13:00 – 14:00	LUNCH
14:00 – 15:00	CASE STUDIES TO IMPLEMENT THE DoA THROUGH THE SSA, CHALLENGES EXPERIENCED, LESSONS LEARNT, GAPS
15:00 – 15:30	REFRESHMENTS
15:30 – 16:30	FACILITATED PANEL DISCUSSION. WAY FORWARD AND WORKSHOP SUMMARY
16:30 – 17:00	SUMMARY AND CLOSURE
17:10	BUS DEPARTS FOR APPOINTED HOTELS

Please note that this is a DRAFT Programme and may be subject to some alterations before the Conference.

Please register on-line at www.satc.org.za

PAYMENT IS REQUIRED IN ORDER TO ATTEND THE CONFERENCE.

We look forward to welcoming you at SATC 2024