



PROGRAMME

African Capital Cities Sustainability Forum: Urban Safety Seminar

26 June 2019

Programme Director: CT Mabaso (Emergency Services Media Liaison)

Arrival		08:00 – 08:30
Tea and networking		08:30 – 09:00
Opening and welcome	City of Tshwane MMC: Community Safety Alderwoman K Meyer	09:00 – 09:05
Introduction and overview	City of Tshwane Chief: Emergency Services Mr. P Govender	09:05 – 09:20
Presentations		
The theory of omission as a tool to create multilateral urban safety	Tshwane Metro Police Department Dr. EH van Biljon	09:20 – 09:35
The South African Urban Safety Reference Group – a model for integrating safety in urban policies and practices	South African Cities Network Ms. S Ngobese	09:35– 09:55
Urban Management: Creating Safe and Secure Suburbs/Cities	Hatfield City Improvement District Chief Executive Officer Mr. L Luckhoff	09:55 – 10:10
Road Safety Audit as a support tool for the Capital City	Tshwane University of Technology Dr. SR Kockott	10:10 – 10:25
Tea Break		10:25 – 10:40
Clarifying the role of Disaster Management in urban safety	University of Free State Dr. J Belle	10:40 – 10:55
Talent management and the fourth industrial revolution in ensuring sustainable development	Southern Business School Prof. N Schutte	10:55 – 11:10
Artificial Intelligence (AI) and Society: A development that has to go together and the need for better interpretability and transparency	University of Pretoria Dr. V Marivate	11:10 – 11:25
Innovation in Urban Safety	Centre for Public Service Innovation Mr. P Schoonraad	11:25 – 11:40
Summary and Panel Discussion		11:40 – 12:40
Multimedia Urban Safety Presentation		12:40 – 12:45
Closure	Acting Deputy Chief of Police: NE Moosa	12:45 – 13:00
Lunch and Departure		13:00 -



Sipehelele Ngobese is a Researcher in the Inclusion & Wellbeing Programme at SA Cities Network. Under this banner she manages the SA Cities Urban Safety Reference Group (USRG); which is one of few platforms for structured, inter-governmental engagement on the subject of urban safety in South Africa. The USRG is an example of local practices taking shape, in response to global policy priorities on city safety. Through an extensive research and knowledge exchange agenda, the USRG produces the annual *State of Urban Safety in South Africa* reports. The Reports highlight the urban character of crime and violence and are a focal point of the USRG's advocacy for evidence based and all-of-society approaches to

the making cities safer. Sipehelele also manages the research programme on the *Spatial Determinants of Wellbeing* – an exploration of the linkages between space and access to life chances. The work forms part of tracking progress with regards to unlocking spatial and social justice (inclusivity) in South African cities. Both areas of work identify the built environment as a critical area of intervention in realising safety and inclusivity.

Sipehelele's own research interest is in informality and its interface with notions of "world class" African cities. She engaged with the subject in her Masters dissertation, components of which feature in the State of Cities Report (SACN, 2016).



Vukosi Marivate holds a PhD in Computer Science (Rutgers University) and MSc & BSc in Electrical Engineering (Wits University). He is based at the University of Pretoria as the ABSA Chair of Data Science. Vukosi works on developing Machine Learning/Artificial Intelligence methods to extract insights from data. A large part of his work over the last few years has been in the intersection of Machine Learning and Natural Language Processing (due to the abundance of text data and need to extract insights). As part of his vision for the ABSA Data Science chair, Vukosi is interested in Data Science for Social Impact, using local challenges as a springboard for research. In this area Vukosi has worked on projects in science, energy, public safety and utilities. Vukosi is an organiser of the Deep Learning Indaba, the largest Machine Learning/Artificial Intelligence workshop on the African continent, aiming to strengthen African Machine Learning. He is passionate about developing young talent, supervising MSc and PhD students and mentoring budding Data Scientists.



Professor Nico Schutte is a Full Professor and Deputy Dean of Research at Southern Business School. He started his full-time employment at this institution in 1 February 2019. Prof Schutte has two PhDs to his name. His first PhD is in the field of Public Administration where he developed a strategic leadership model for government leaders. He won the best conference paper award for a presentation based on this study. His second PhD is in Industrial Psychology where he developed a HRM competency model for the advancement of the professionalization of the HRM field in South Africa. This model was the first empirically validated competency model for HR practitioners in South Africa. For this study, he won a national award from the South African Board of People practices for the best PhD and publication in the field of Human Resource Management.

His research outputs include the following: 40 Peer reviewed scientific journal article publications; 30 Peer reviewed conference proceeding articles; 55 Peer reviewed conference proceeding presentations. In 2016 he was recognised by the Faculty of Commerce and Administration, North-West University as their Senior Researcher of the Year.



Lucas Lückhoff is the Chief Executive Officer of the Hatfield City Improvement District since July 2016, a non-profit organisation funded by property owners in Hatfield.

The CID serve the people of Hatfield with the purpose for Hatfield to be the most desirable and vibrant, safest, cleanest, diverse and socially just suburb in Tshwane and in short, the creation of a world class suburb at the southern tip of Africa. The Hatfield CID is an extension of the City of Tshwane funded by landlords.

He has a strong financial background and hails from the banking sector where he held senior leadership positions within the FirstRand group for more than 30 years.

Lucas is married to Annamarie and proud of his two beautiful daughters. He is soon to become a grandfather of a little boy called Luke.

He has a highest qualification of a Masters Degree in Business Administration. He is an avid golfer and does CrossFit.



Ernst van Biljon was born in the beautiful city of Pretoria during the late 1970's. He completed his school career in 1997, when he matriculated from the Hoërskool Overkruin. He joined the erstwhile City Council of Pretoria in December of 1997 in the capacity as an Administrative Officer. During July 2000 he joined the Pretoria Traffic Department, where he completed his basic training as a Metropolitan Police Officer. During February 2002, the former Pretoria Traffic Department was assimilated into the Tshwane Metropolitan Police Department, where he is still employed today. He is currently stationed at the Police Technology and Research Subsection, where he serves as the Chief Researcher. His academic career started in 2004 at the Tshwane University of Technology, where he completed his B-tech Degree in Traffic and Municipal Police Management in 2007. In 2014, he obtained his Master's Degree in the field

of policing at the University of South Africa, followed by his Doctorate in the Field of Police Science in 2018.



Pierre Schoonraad is the Head of Research and Development at the Centre for Public Service Innovation, an entity mandated to entrench the culture and practice of innovation in the public sector. His responsibilities include investigating service delivery challenges, finding innovative solutions and to develop new solutions with stakeholders. He previously served as Director: Research in the DPSA. Before joining DPSA, he worked for 10 years with communities in informal settlements to co-design innovative solutions. Pierre is an adjudicator of the UNDP's Call for Innovations and a peer reviewer of the OECD's Review of Brazil's Innovation System. He is assisting the UN in South Africa, the DPME and the Eastern Cape government to incorporate Foresight into their respective long-term planning towards achieving the SDGs and NDP. In

July 2018 Pierre was part of a global team that conducted Foresight Training at the High-Level Political Forum on the SDGs in New York. He holds BA and BD degrees.



Dr Johannes Belle holds a PhD in Environmental Management, Master's degree in disaster management, Advanced University Diploma in Disaster Management, BA Honours in Geography, BA + Ed, Diploma in Marketing and other qualifications. Has worked for thirty years (30) in three different countries in Africa (Cameroon, Lesotho and South Africa) as an educator, administrator and manager. He is currently employed as a Senior Lecturer and researcher at UFS-DIMTEC. He is currently the Acting Director of UFS-DiMTEC as well as the Programme Director of UFS-DiMTEC.

He is a Disaster Management Professional and an Environmentalist with a focus on Eco-DRR/CCA. Dr Belle speaks two international languages (English and French) and he likes soccer and gardening as hobbies.



Sean Robert Kockott holds a D-Tech Policing within the study field of Road Traffic Safety Management (Tshwane University of Technology, South Africa). Senior Lecturer in the Department Humanities at the Faculty of Safety and Security, Tshwane University of Technology and responsible for the Traffic Safety and metro police management program for the past 5 years. He has proven technical knowledge in Road Traffic Safety Management, Road Safety Audits and Hazard identification and Risk Assessment in which he has written a paper on. His D-Tech thesis was concerned with "A Risk Assessment Model for the Road Traffic Environment" and he published the Road Safety Audits for the Road Safety Professional by Juta Publishers. He has worked in Law Enforcement as an (superintendent) Tshwane Metro Police 17 years, the Industry - construction, Oil & Gas and mining industry in the capacity of Advisor for 11 years.

