

UNIVEN - MMSEZ Staff-Student Smart City Symposium

University of Venda
17 September 2021 (Microsoft Teams Platform)

Programme

Time	Item	Speaker
08:45 - 09:00	Login Arrival and Registration	ALL
	Programme Director	Mr. Tendayi Gondo – Department of Urban and Regional Planning
09:00 - 10:00	Opening	Programme Director
	Welcome Address	Dr. Bernard Nthambeleni, University of Venda, Vice-Chancellor
	Opening Address	Prof. Ntebogeng Mokgalaka – Fleishmann, Executive Dean, Faculty of Science, Engineering and Agriculture, University of Venda
	Keynote Address: “The role of science, research and technology in promoting the smart city agenda in Africa”	Senior Prof. Professor Georges-Ivo Ekosse, Director – Research and Innovation
	Collaborative Project on Smart Villages	Prof. Modimowabarwa Kanyane – Executive Dean, Faculty of Management, Commerce and Law, University of Venda
10:00 - 10:30	Tea Break	
10:30 - 11:30	Smart Energy & Materials Panel	Moderator – Prof. Bongani D. Bantwini – Executive Dean, Faculty of Humanities, Social Sciences and Education, University of Venda
10:30 - 10:40	Near Zero Energy Building Envelopes as a Solution for Energy Supply In Smart City	Nnditshedzeni Eric Maluta, Tshimangadzo Sophie Mulaudzi, David Tinarwo and Vhutshilo Nekhubvi, Department of Physics, University of Venda
10:40 – 10:50	Green Synthesis of Nanomaterials and Utilisation: Towards a Sustainable Smart City	Mathomu L.M ¹ , Randela R.R ² , Kirui J.K ² , Maluta N.E ² . Department of Biochemistry and Microbiology, University of Venda. ² Department of Physics, University of Venda
10:50 – 11:10	Smart Organic Waste Management: Converting Waste into Black Soldier Fly <i>Hermetia Illucens</i> (Linnaeus) Larvae Protein and Organic Fertiliser	Bhebhe, E ¹ ., Fushai, F ¹ ., Ford, S ² ., Netshipale J., Mikasi, M ¹ ., Nyathi, E ¹ ., Mahlako, K ¹ . & Raseona, A ¹ . ¹ Department of Animal Science, University of Venda ² Centre for Invasion Biology, University of Venda
11:10-11:20	Development pathways toward smart villages: Potential role of Biogas Technology in the Context of South Africa	David Tinarwo, Nnditshedzeni Eric Maluta, Tshimangadzo Sophie Mulaudzi, and Vhutshilo Nekhubvi, Department of Physics, University of Venda
11:20 – 11:30	Questions and Comments	ALL
11:30 – 12:20	Smart Health and Living Panel	Moderator – Prof. T. M. Mulaudzi, Acting Executive Dean, Faculty of Health Sciences, University of Venda
11:30 – 11:40	Exploring the provision of early antenatal care at local primary health care facilities in Limpopo province, South Africa	Shinyawane RS ¹ , Malwela T ² , Maputle MS ³ ¹ Department of Health, P.O. Box, Vuwani, 0952 ² Department of Advance Nursing University of Venda ³ Department of Advance Nursing University of Venda
11:40-11:50	Intersections of spatial (in)justice and smart cities	Khwashaba MI, Chakwizira J, Ingwani E, Department of Urban and Regional Planning, University of Venda

11:50 – 12:00	The prospects of using tourism industry to advance community livelihoods in Musina municipality, Limpopo province, South Africa	Ramaano, A.I., Department of Geography and Geo-Information Sciences, University of Venda
12:00-12:10	Cognitive processes mediating behavioural and attitudinal responses to South Africa's Water Stress: Insights Based on the Augmented Protective Motivation Theory	<u>Diko-Makia</u> , L. ¹ , Mativha, F. ¹ , Selepe, M. ² ¹ Department of Earth Sciences, University of Venda, University Road, Thohoyandou, 0950. ² Center for Student Counseling and Development, University of Limpopo, University Road, Sovenga, 0727
12:10 – 12:20	Questions and Comments	ALL
12:20 – 13:30	Smart Mobility and Transport Panel	Moderator - Prof. Modimowabarwa Kanyane – Executive Dean, Faculty of Management, Commerce and Law, University of Venda
12:20 – 12:30	An valuation of Intelligent Transport System: A Case Study of the Bus Rapid Transit (BRT) Rea-Vaya in Johannesburg, South Africa	<u>Ntsieni Colin Khwathisi</u> ¹ , James Chakwizira ² , Peter Bikam ² . ¹ Department of Planning and Development, Thulamela Local Municipality ² Department of Urban and Regional Planning, University of Venda.
12:30 – 12:40	Application of the smart governance approach in sustainable rural-urban transport linkages in small towns of South Africa	<u>Mawelewele, L.</u> , Chakwizira J., Ingwani, E., Department of Urban and Regional Planning, University of Venda
12:40 -12:50	Questions and Comments	ALL
12:50 - 13:00	Closing Remarks	Prof. Vhonani Netshandama – Director – Community Engagement, University of Venda