

## 21<sup>st</sup> Information Studies Annual Conference

06<sup>th</sup>-08<sup>th</sup> September 2021

Virtual

**THEME: Information, knowledge and technology for sustainable development goals (IKT4SDGs) in Africa**

Conference Day One, 06 September 2021 Students' Presentations Venue: Online		
Time	Plenary Session 1: Chair: Dr ND Evans (University of Zululand)	
08:00-08:30	Onboarding	Registration, Connectivity and Technical Matters: Phindile Mhlongo and Nkosingiphile Zungu (University of Zululand)
08:30-08:40	Opening and welcome remarks	<b>Prof. Mogomme Masoga</b> Dean, Faculty of Arts, University of Zululand
08:40-09:15	<b>Keynote Address 1: Prof. Joseph Kiplanga't (Deputy Vice Chancellor Academic and Research, Africa International University), Kenya</b>	Information, Knowledge and Technology & Infrastructure
09:15-09:45	<b>Guest Speaker 1: Dr Martin Sehlapelo (University of South Africa), South Africa</b>	Information Knowledge and Technology & the Fourth Industrial Revolution
09:45-09:55	Discussions and Questions	
09:55-10:00	Health Break (Tea/Coffee)	
	Session 1: Students presentations	
	<b>Session 2: Students presentations: Chair: Dr Lefose Makgahlela (University of Limpopo)</b>	
10:00-10:15	Thobekile K Buthelezi and Lungile P Luthuli (University of Zululand), South Africa	An exploration of strategies for digitising records at two selected higher academic institutions in Kwazulu-Natal, South Africa
10:15-10:30	Khulekani M Mnguni and Matsobane D Kekana (University of Zululand), South Africa	Web information-seeking behaviour of library and information studies undergraduate students at the University of Zululand
10:30-10:45	Mxolisi I Sokhela and Glenrose V Jiyane (University of Zululand), South Africa	Academic information needs of high school learners in KwaZulu-Natal and the role of public libraries: the lessons from Georgetown
10:45-11:00	Nozizwe F Fakazi, Lungile P Luthuli and Petros N Dlamini (University of Zululand), South Africa	The adoption and utilisation of online databases by postgraduate students in the faculty of arts of the selected universities

11:00-11:15	Sibongumenzi V Ngema, Glenrose V Jiyane and Mpilo S Mthembu ( <i>University of Zululand</i> ), South Africa	Promoting lifelong learning in the digital era by public libraries in eThekweni Metropolitan Municipality, South Africa
11:15-11:30	Sarah Du Toit and Mzwandile Shongwe ( <i>University of Cape Town</i> ), South Africa	Disability in academic libraries: an inclusive approach to accessibility and the creation and consumption of information
11:30-11:45	Sifiso M Mbambo, Glenrose V Jiyane and Nkosingiphile M Zungu ( <i>University of Zululand</i> ), South Africa	The use of electronic learning centres in the City of Johannesburg Libraries in South Africa
11:45-12:00	Mvelo N Msezane and Petros N Dlamini ( <i>University of Zululand</i> ), South Africa	Use of electronic resources by postgraduate students of information studies at the University of Zululand, South Africa
12:00-12:15	Lindani Sikhakhane, Glenrose V Jiyane and Mpilo S Mthembu ( <i>University of Zululand</i> ), South Africa	The effectiveness of 21st-century collection development practices in academic libraries: A literature review
12:15-12:30	Sibusiso Thusi and Lungile Luthuli ( <i>University of Zululand</i> ), South Africa	The integration of record management functionalities in the management of student records systems at the University of Zululand, South Africa
12:30-12:45	Mogau E. Maja and Glenrose V. Jiyane ( <i>University of Zululand</i> ), South Africa	The provision of services in the research commons during the national lockdown: A reflection on the lessons learnt from a selected academic library in KwaZulu-Natal, South Africa
12:45-13:15	<b>Discussions and Questions</b>	
13:15-13:30	<b>Health Break (Lunch)</b>	
	<b>Session 3: Poster Session: Chairs: Mr Mpilo S Mthembu &amp; Mr Matsoebane D Kekana (University of Zululand)</b>	
13:30-13:35	<b>Athini Mbalo</b> ( <i>University of Zululand</i> ), South Africa	Digital literacy in high schools within uMhlathuze Local Municipality
13:35-13:40	<b>Mthobisi Mthembu</b> ( <i>University of Zululand</i> ), South Africa	Using children's literature to promote cultural content in school libraries in uMhlathuze Local Municipality in KwaZulu-Natal
13:40-13:45	<b>Siyathokoza Ntumba</b> ( <i>University of Zululand</i> ), South Africa	Assessing the impact of Library Services on teachers using the Okhahlamba Teachers Development Centre in KwaZulu-Natal
13:45-13:50	<b>Buthelezi, N</b> ( <i>University of Zululand</i> ), South Africa	Cyber-ethical behaviour of high school students in selected schools in uMhlathuze Municipality

13:50-14:00	<b>Poster Presentations: Discussions and Questions</b>	
14:00-14:30	<b>Top Three Outstanding Student Paper Awards and Closing</b> <b>Facilitator:</b> Prof Ruth Hoskins ( <i>University of KwaZulu-Natal</i> ), South Africa  <b>Assessors:</b> <ul style="list-style-type: none"><li>• Prof Shana Ponelis (<i>University of Wisconsin Milwaukee</i>), United States of America</li><li>• Prof Janneke Mostert (<i>University of Zululand</i>) South Africa</li><li>• Prof. Bosire Onyancha (<i>University of South Africa</i>), South Africa</li><li>• Prof. Tom Kwanya (<i>The Technical University of Kenya</i>), Kenya</li><li>• Prof. Dennis Ocholla (<i>University of Zululand</i>), South Africa</li><li>• Dr Martini Sehlapelo (<i>University of South Africa</i>), South Africa</li></ul>	
<b>End of Day One</b>		
<b>Conference Day Two, 07 September 2021</b> <b>Day 01 Main Conference</b> <b>Venue: Online</b>		
<b>Plenary Session 4: Chair: Prof Janneke Mostert (University of Zululand)</b>		
08:00-08:30	<b>Onboarding</b>	<b>Administration, Connectivity and Technical Matters: Phindile Mhlongo, Nkosingiphile Zungu</b> ( <i>University of Zululand</i> )
08:30-08:45	Purpose, scope and expectations of the Conference	<b>Dr Neil Evans</b> ( <i>Head of the Department of Information Studies, University of Zululand</i> )
08:45-08:55	Welcome Remarks	<b>Prof. Allucia Shokane:</b> (Acting Deputy Dean, Research and Internationalisation, <i>University of Zululand</i> )
08:55-09:35	<b>Keynote Address 2: Dr Wanyenda Chilimo (PhD)</b> ( <i>Technical University of Mombasa</i> ), Kenya Information, Knowledge and Technology & Open Access	Open or Closed? Analysing LIS research using the openness spectrum
09:35-10:05	<b>Guest Speaker 2: Prof Bosire O Onyancha</b> ( <i>University of South Africa</i> ), South Africa	Data science: a conceptual analysis using Scopus data
10:05-10:20	<b>Discussion and Questions</b>	
10:20-10:30	<b>Health Break (Tea/Coffee)</b>	
<b>Session 5: Chair: Dr Petros N Dlamini: (University of Zululand)</b>		
10:30-10:45	Angella C. Kogos, ( <i>Technical University of Kenya</i> ), Kenya	Application of artificial intelligence in knowledge management: a meta-analysis

10:45-11:00	Omoike, Adenike D and Ikegune, Daniel O ( <i>University of Ibadan</i> ), Nigeria	Application of information, knowledge and technology for sustainable educational development in Africa
11:00-11:15	Hayatu, Muhamad M, Rukayyat Tajjani and Sekinat Yusuf ( <i>University of KwaZulu-Natal</i> ), South Africa	Employment information-seeking behaviour of vulnerable groups in communities in northern Nigeria
11:15-11:30	Bose, Olojede I ( <i>Ajayi Crowther University</i> ), Nigeria	Environmental degradation in Nigeria: a threat to national development
11:30-11:45	Bostone, Ochieng ( <i>Technical University of Kenya</i> ), Kenya	Evaluation of the ISO 27001 in cyber security risk management in technological infrastructure
11:45-12:00	Chinyere, Amalahu ( <i>Tai Solarin University of Education</i> ), Nigeria	Extent of social media use by academics in knowledge acquisition and research in south-west federal universities Nigeria: A quest for improved retrieval skill training for academics
12:00-12:15	Korir, GK and Nabushawo, JC ( <i>Moi University</i> ), Kenya	Shift from in-person to online learning strategies in Kenya's higher education institutions during the COVID-19 Pandemic: Is it

		inclusionary or exclusionary
12:15-12:30	<b>Discussions and Questions</b>	
12:30-12:45	<b>Health Break (Lunch)</b>	
	<b>Plenary Session 6:Chair: Prof MC Fombad: (University of South Africa)</b>	
12:45-13:25	<b>Keynote Address 3: Prof. Dietmar Wolfram (PhD)</b> ( <i>University of Wisconsin, Milwaukee</i> ), USA  <b>Information, Knowledge and Technology &amp; Information Retrieval</b>	Language and network-based approaches to support information retrieval research
13:25-13:55	<b>Guest Speaker 4: Ms Lindiwe Soyizwapi:</b> ( <i>University of Pretoria</i> ), South Africa	Repositioning academic libraries to support the academic project
13:55-14:15	<b>Invited Paper: Prof Dennis N Ocholla</b> ( <i>University of Zululand</i> ), South Africa	Information and knowledge access for social justice:  Perspectives from Mandela's long walk to freedom
14:15-14:30	<b>Discussions and Questions</b>	
14:30-14:35	<b>Health Break (Tea/Coffee)</b>	
	<b>Session 7: Chair: Dr Owolabi Kehinde (The Library Federal Polytechnic) Nigeria</b>	
14:35-14:50	Mpilo S. Mthembu and Dennis N Ocholla ( <i>University of Zululand</i> ), South Africa	Development strategies as catalysts for better provision of the RDM services in the South African higher education institutions
14:50-15:05	Lucy Kibe and Tom Kwanya ( <i>The Technical University of Kenya</i> ), Kenya	Big data analytics research and knowledge management: a bibliometric analysis
15:05-15:20	Nkosingiphile M Zungu ( <i>University of Zululand</i> ), South Africa	An informetric analysis of cybersecurity research in

		Scopus and Google Scholar databases from 2010 to 2019
15:20-15:35	Taiwo A Idowu, Dennis N Ocholla and Bosire O Onyancha ( <i>University of Zululand &amp; University of South Africa</i> ), South Africa	Research productivity and scientific impact of gender-based violence in sub-Saharan Africa
15:35-15:50	Katleko Chiya ( <i>University of Western Cape</i> ), South Africa	A critical assessment of the migration of the academic libraries from traditional to digital: towards access and ownership- nexus
15:50-16:05	Benhildah Mabika, Glenrose V Jiyane and Tinashe Mugwisi ( <i>Chinhoyi University of Technology</i> ), Zimbabwe	Information needs and information seeking behaviour of farmers in Mashonaland West Province of Zimbabwe
16:05-16:20	John Ileri, Neil Evans and Dennis Ocholla ( <i>University of Zululand</i> ), South Africa	Information seeking strategies of students in Nairobi and Tharaka Nithi Counties
16:20-16:35	Edeama Onwuchekwa, Patrick Ngulube and Glenrose Velile Jiyane ( <i>San Diego Mesa College, California, USA, University of South Africa &amp; University of Zululand</i> ) South Africa	Assessing information literacy skills among undergraduate students at the National Open University of Nigeria
16:35-16:50	Paul Mbua, Janneke Mostert and Dennis Ocholla( <i>University pf Zululand</i> ), South Africa	Service quality in the academic libraries in Kenya: An overview
	<b>End of Day Two: Main Conference</b>	
	<b>Conference Day Three, 08 September 2021</b> <b>Main Conference</b> <b>Venue: Online</b>	
	<b>Plenary Session 8: Chair: Prof. DN Ocholla (University of Zululand)</b>	
08:30-09:05	<b>Guest Speaker: Prof Mpho Ngoepe</b> ( <i>University of South Africa</i> ), South Africa	<b>Disrupt or be disrupted: archives in the new era</b>
09:05-09:20	Oloniruha Emmanuel Adeniyi ( <i>Redeemer's College of Technology and Management</i> ), Nigeria	Analysis of management of records in research institutes in South-West, Nigeria

09:20-09:35	Prince Mthethwa and Lungile Luthuli ( <i>University of Zululand</i> ), South Africa	Digital preservation strategies and policies at the national libraries in the digital age: a review on the strategies and policies established to integrate with the ICT at the national library of South Africa
09:35-09:50	Wamailwa and Tom Kwanya (Technical University of Kenya), Kenya	Potential of intelligent records management in Kenya power and lighting company
09:50-10:10	<b>Discussions and Questions</b>	
10:10-10:15	<b>Health Break (Tea/Coffee)</b>	
	<b>Session 9: Crosscutting Themes: Chair: Prof Glenrose V Jiyane (University of Zululand)</b>	
	Abiodun D Atanda and Kehinde A Owolabi ( <i>Federal University of Agriculture</i> ), Nigeria	Attitude and challenges of librarians toward digitisation of library services in Nigerian universities
10:30-10:45	Romoke Opeyemi Quadir, Yusuf Ahmed and Kashim Ibrahim ( <i>Ahmadu Bello University</i> ), Nigeria	Information needs, source and seeking behaviour among rural women artisan in Ilai, Nigeria and the implications for poverty eradication
10:45-11:00	Grace Kamau, Elphus M Ngaira ( <i>Technical University of Kenya</i> ), Kenya	Perception of librarians on the adoption of artificial intelligence in libraries in Kenya
11:-11:15	<b>Discussions and Questions</b>	
11:15-11:20	<b>Health Break (Lunch)</b>	
	<b>Plenary Session 10: Chair: Dr Israel Odede (University of Zululand)</b>	
11:20-11:12:00	<b>Keynote Speaker: Prof Jan R Maluleka</b> ( <i>University of South Africa</i> ), South Africa	Looking for a tree of truth in the forest of illusions: indigenous healing in South Africa

12:00-12:30	<b>Guest Speaker: Dr Mzwandile Shongwe</b> ( <i>University of Cape Town</i> )	Theories used in information, knowledge and technology research
12:30-12:45	Elphas Muruli ( <i>University of Nairobi</i> ), Kenya	Infobesity and infoxication as a risk to law firms' knowledge asset in Kenya, Nairobi branch
12:45-13:00	Lucy Kibe & Tom Kwanya ( <i>The Technical University of Kenya</i> ), Kenya	Big data analytics research and knowledge management: a bibliometric analysis
13:00-13:15	Quadri, Ganiu O ( <i>University of Ibadan</i> ), Nigeria	Factors affecting knowledge sharing practices among librarians: evidence from Federal university libraries in Southwest Nigeria
13:15-13:30	Lawal, Wasiu O ( <i>Federal University of Agriculture</i> ), Nigeria	Information, knowledge management and library services delivery during COVID-19: A review
13:30-13:45	Maiga, Zakayo B. ( <i>Augustine University of Tanzania</i> ), Tanzania	Knowledge management strategies for enhancing higher education and training in universities in Tanzania
13:45-14:00	<b>Discussions and Questions</b>	
13:00-14:05	<b>Health Break (Tea/Coffee)</b>	
	<b>Session 12: Crosscutting Themes: Chair: Mr Mpilo S Mthembu</b>	
14:05-14:20	Rendani Nevondo, Glenrose V Jiyane ( <i>University of Zululand</i> ), South Africa	Metadata approach to organising electronic resources in academic libraries in South Africa: a review
14:20-14:35	Katamba Abubakar Saka, Abdulsalam Mohammed Madaki and Halimah Tauheed Nene ( <i>Federal University of Technology</i> ), Nigeria	Justification and curriculum requirements for new era librarians
14:35-14:55	Odumade A Jumoke and Owolabi K Abayomi ( <i>The Library Federal Polytechnic</i> )	Information needs and seeking behaviours of



	<i>and Nimbe Adedipe Library, Federal University of Agriculture), Nigeria</i>	orphans and vulnerable children (OVC) in Nigeria
14:55-16:05	Gbenga Olaniyi Efunwole ( <i>Ajayi Crowther University</i> ), Nigeria	Online education as a threat to conventional education in Africa: post-covid-19 pandemic experience – Nigerian tertiary institutions as a case study
16:05-16:20	Chipo Sigudu ( <i>University of South Africa</i> ), South Africa	Use of learning commons by postgraduate students in academic libraries in mashonaland West and Midlands Provinces in Zimbabwe
16:20-16:35	<b>Discussions and Questions</b>	
16:35-16:45	<b>Concluding remarks: Dr PN Dlamini</b>	
	<b>End of Day Three: Main Conference</b>	