

UNIVERSITY OF SOUTH AFRICA  
DEPARTMENT OF INFORMATION SCIENCE  
FOURTH BIENNIAL UNILISA CONFERENCE PROGRAMME  
KGORONG FUNCTION HALL, MUCKLENEUK CAMPUS  
UNIVERSITY OF SOUTH AFRICA, PRETORIA  
01- 04 APRIL 2024

DAY ONE: TUESDAY, 01 APRIL 2025

07:30 – 08:30 REGISTRATION AND COFFEE / TEA

SESSION 1: Introduction to the Conference	
SESSION CHAIR: <i>Prof Maoka Dikotla</i> Department of Information Science, UNISA	
08:30 – 08:40	Purpose, scope, and expectations <b>Dr Mashilo Modiba</b> , Chairperson: UNILISA Organising Committee, University of South Africa.
08:40 – 08:50	Welcome <b>Prof Lorette Jacobs</b> , Acting Tuition Manager: College of Human Sciences University of South Africa.
08:50 – 09:00	Opening <b>Prof Zethu Nkosi</b> , Executive Dean: College of Human Sciences University of South Africa.
09:00 – 09:10	Message of support <b>Prof Mpho Ngoepe</b> , Executive Director: Department of Library and Information Services University of South Africa.
09:10 – 09:20	Message of Support <b>Mr Kepi Madumo</b> , Former National Librarian and CEO National Library of South Africa.
09:20 – 10:00	Keynote address <b>Mr Vusithemba Ndima</b> , Deputy Director General: Heritage, promotion, and preservation Department of Sport, Arts and Culture.
Dignitaries group photo	
Musical performance	
10:30 – 10:45	TEA / HEALTH BREAK

<b>SESSION 2: Disruptive technology for scholarship and practice in information science for Society 5.0</b> <b>SESSION CHAIR – Dr Amos Shibambu: Department of Information Science, UNISA</b>	
11:00 – 11:30	<b>GUEST SPEAKER:</b> Prof Arthur Mutambara Director and Full Professor, Institute for Future Knowledge University of Johannesburg, Johannesburg.
<b>Conference speakers</b> 11:30 – 13:00	<p>The Usage of Generative AI Tools for Students' Research Support Within Higher Education Institutions: A Systematic Literature Review.  <b>Mfowabo Maphoso and Cyril Tlomatsana</b>  <b>University of Pretoria and IIE Varsity College</b></p> <p>Policy and Legislative Framework to Apply Artificial Intelligence at the Information Service of academic libraries: A case study.  <b>Phuti Concilia Rabatseta, Mashilo Modiba and Patrick Ngulube</b>  <b>University of North-West &amp; University of South Africa</b></p> <p>Modelling the Antecedents of Perceived Trust in AI-Based Records and Information Management Systems.  <b>Liah Shonhe and Qingfei Min</b>  <b>Dalian University of Technology</b></p> <p>Evaluation of the role of AI in information security management.  <b>Rebone Maphumulo</b>  <b>IMM Graduate School</b></p> <p>An informative chatbot-based real-time irrigation for farmers through an IoT Fog-based Prototype.  <b>Mandisa Visagie</b>  <b>Durban University of Technology</b></p>
	<b>Question &amp; answer session</b>
<b>Interactions with exhibitors</b>	
13:00 – 13:45	<b>Exercise the right to food and freedom of dialogue and poster observation</b>
<b>SESSION 3: Institutional research niche areas aligned to Library and Information Science research.</b> <b>SESSION CHAIR- Dr Mduduzi Ntetha: Department of Library and Information Services, UNISA</b>	
14:00 – 14:30	<b>GUEST SPEAKER:</b> Prof James Lowry Professor and Chair of Graduate School of Library and Information Studies Queens College, City University of New York, New York.

<p>Conference speakers</p> <p>14:30 – 16:00</p>	<p>Library and Information Services Branding in the Age of the Fourth and Fifth Industrial Revolutions: Strategic Adaptations for Emerging Technologies and Human-Centric Innovation.</p> <p><b><i>Itumeleng Mpete</i></b> <b><i>University of South Africa</i></b></p> <p>Collaborative research in reimagining the implementation of the recommendation by the researchers at the UL, Department of Information Studies: a case of UL library.</p> <p><b><i>Ramokone Sekwakwa and Joseph Matshotshwane</i></b> <b><i>University of Limpopo and University of South Africa</i></b></p> <p>The Intersection of Copyright Law and Library and Information Services in South Africa.</p> <p><b><i>Rankadi Mosako and Salaminah Setumu</i></b> <b><i>University of South Africa</i></b></p> <p>The impact of the digital economy on academic libraries: A case study of UNAM library.</p> <p><b><i>Anna Ngula</i></b> <b><i>University of Namibia</i></b></p>
	<p><b><i>Question and answer</i></b></p>
<p><b>Panel Reflections on Day One</b></p>	
<p><b>Delegates' group photo</b></p>	

**END OF DAY ONE**

## DAY TWO: WEDNESDAY, 02 APRIL 2025

08:00- 08:30 REGISTRATION AND COFFEE / TEA	
SESSION 4: Scholarship and practice for futuristic information dissemination and use in Society 5.0	
SESSION CHAIR – Prof Samuel Mojapelo: Department of Information Science, UNISA	
08:30 – 09:00	<b>GUEST SPEAKER:</b> Ms Boitumelo Seshabela, Head of Records and Information Management, Public Investment Corporation, Pretoria.
Conference speakers 09:00 – 10:30	<p>Citizen science and the impact of social media relating to environmental conservation undertakings in South Africa. <b>Isabel Schellnack-Kelly</b> <b>University of South Africa</b></p> <p>Towards research data management framework for public universities in South Africa. <b>Mpilo Mthembu and Dennis Ocholla</b> <b>University of Zululand</b></p> <p>The impact of Digital Literacy training initiatives at Midvaal Libraries: Advancing society 5.0 through E-Learning programmes. <b>Nomvula Gcabashe</b> <b>Midvaal Local Municipality</b></p> <p>Exploring the Impact of the Digital Economy on Academic Libraries at the University of Namibia. <b>Anna Ngula and Menete Shatona</b> <b>University of Namibia</b></p> <p>Social cataloguing Applications: implications for cataloguing practices in public libraries. <b>Madireng Monyela</b> <b>University of Limpopo</b></p>
	<b>Question &amp; answer session</b>
10:30 – 10:45	<b>TEA/HEALTH BREAK</b>
SESSION 5: Scholarship and practice in information and knowledge management to advance a futuristic Society 5.0	
SESSION CHAIR – Prof Madelein Fombad: Department of Information Science, UNISA	
11:00 – 11:30	<b>GUEST SPEAKER:</b> Dr Refiloe Mabaso, Senior Manager: Information and Knowledge Management Air Traffic & Navigation Services, Johannesburg.
Conference speakers 11:30 – 13:00	<p>Knowledge Management Solutions for the Classroom: Fostering Professional Development among Mathematics and Science Teachers Through Knowledge Sharing. <b>Moiria Gundu, Lorette Jacobs and Modiehi Rammutloa</b> <b>Hilton College and University of South Africa</b></p> <p>Building inclusive digital learning ecosystems for persons with disabilities: Paving the way for equitable access in society 5.0.</p>

	<p><b>Mufaro Murandure, Priscilla Nkomazana and Sheltar Marambi</b> <b>Midlands State University</b></p> <p>Scholarship and practice in information Resource Content Management to advance a futuristic society 5.0.</p> <p><b>Sizakele Nkosi, Fatima Darries and Daniel Rankadi Mosako</b> <b>University of South Africa</b></p> <p>Using Society 5.0 to create a more inclusive, connected and knowledge-driven society.</p> <p><b>Ike Hlongwane</b> <b>University of South Africa</b></p>
	<b>Question and answer session</b>
<b>13:00-13:45</b>	<b>Exercise the right to food and freedom of dialogue</b>
<p><b>SESSION 6: Futuristic Information Science Education for Society 5.0</b></p> <p><b>SESSION CHAIR</b> - Prof Acquinata Zimu-Biyela: Department of Information Science, UNISA</p>	
<b>14:00 – 14:30</b>	<p><b>GUEST SPEAKER:</b> Prof Forget Chaterera-Zambuko, Assistant Professor: Sorbonne University Abu Dhabi, Abu Dhabi.</p>
<p><b>Conference speakers</b></p> <p><b>14:30 – 16:00</b></p>	<p>The future of records management as a profession at the Road Accident Fund in South Africa.</p> <p><b>Vanessa Mathope</b> <b>University of South Africa</b></p> <p>Bridging the Gap: Skills and Storage Challenges in Digital Preservation at the Msunduzi Municipal Library.</p> <p><b>Nozibusiso Zibusiso Mpanza</b> <b>University of Zululand</b></p> <p>Beyond the office Walls: The Pros and Cons of offsite document storage.</p> <p><b>Sylvester Ngoepe</b> <b>University of South Africa</b></p> <p>Production and growth of African cybersecurity research from 2013 to 2022: a bibliometrics analysis.</p> <p><b>Nkosingiphile Zungu and Dennis Ocholla</b> <b>University of Zululand</b></p>
	<b>Question and answer session</b>
	<b>Panel Reflections on Day Two</b>

END OF DAY TWO

08:00 – 08:30

REGISTRATION AND COFFEE / TEA

<b>SESSION 7: Scholarship and practice in data science, analytics, and visualisation in Information Science for Society 5.0</b> <b>SESSION CHAIR</b> – Dr Karin McGuirk: Department of Information Science, UNISA	
08:30 – 09:00	<b>GUEST SPEAKER:</b> Prof Adeyinka Tella, Professor: Department of Library and Information Science University of Ilorin, Nigeria.
09:00 – 09:30	Developing Video Games in and for Africa. <b>UNISA ADOVH Vuka Gamers (Unisa Students)</b> <b>Thandolwethu Mabaso, Zainab van Blerk and Linnah Msiza</b>
<b>Panel Discussion</b> 09:30 – 10:30	Contextualising data science, analytics, and visualisation within the Information Science. Moderator: Dr Mahlatse Shekgola  Presenters <b>T Kwanya (Technical University of Kenya), N Motlhasedi (Unisa), P Mokhathi (Eskom), M Mokgele (Unisa)</b>
10:30 – 10:45	TEA/HEALTH BREAK
<b>SESSION 8: Partnerships and collaboration among and between organisations associated with the Information Science industry to strengthen its impact on Society 5.0</b> <b>SESSION CHAIR-</b> Ms Thulisile Lemekoana: National Archives and Records Services of South Africa.	
11:00 – 11:30	<b>GUEST SPEAKER:</b> Prof Suliman Hawamdeh, Regents Professor Department of Information Science University of North Texas, Texas.
<b>Conference speakers</b> 11:30 – 13:00	A Collaborative Framework for Super Smart Astronomy Library and Information Services within the National Research Foundation. <b>Theresa de Young and Glenda Coetzer</b> <b>University of Cape Town and South African Radio Astronomy Observatory</b>  Artificial Intelligence Strategies to Promote Social Inclusion in Library and Information Science Schools and Library Practitioners in the Fourth Industrial Revolution Era. <b>Siphamandla Mncube, Mogiveny Rajkoomar and Amahle Khumalo</b> <b>Durban University of Technology</b>  Benefits and limitations of transformative agreements of academic libraries in South Africa. <b>Acquinatta Nomusa Zimu-Biyela</b> <b>University of South Africa</b>  Bibliometric Analysis of Internet of Things in Academic Libraries: a global Perspective. <b>Siphamandla Mncube, Mousin Omar Saib and Sara Bibi Mitha</b> <b>Durban University of Technology</b>
	Question and answer session
13:00 - 13:45	Exercise the right to food and freedom of dialogue

<b>SESSION 9: Scholarship and practices towards futuristic archives, records, and data curation for Society 5.0</b>	
<b>SESSION CHAIR-</b> Dr Lethabo Ledwaba: Department of Information Science, UNISA	
14:00 – 14:30	<b>GUEST SPEAKER:</b> Prof Luciana Duranti, Professor Emerita: Archival Studies, School of Information The University of British Columbia, Canada.
<b>Conference speakers</b> 14:30 – 15:30	<p>Optimizing Digital Records Management in Air Traffic Management. <b>Phindile Bekwa and Refiloe Mabaso</b> <b>Air Traffic &amp; Navigation Services</b></p> <p>Disposal of information and communication technologies and implications for sustainable development at the National Archives of Zimbabwe. <b>Samson Mutsagondo</b> <b>Sorbonne University Abu Dhabi, Abu Dhabi</b></p> <p>Infrastructure Readiness for the Digitalisation of Archives to Enhance Collaboration Between Archival Institutions Towards Society 5.0 in South Africa. <b>Lyborn Mabapa</b> <b>National Archives and Records Services of South Africa</b></p> <p>The utilisation of digital record-keeping: A case study of the National Institute for Occupational Health in South Africa. <b>Lwando Silas Matomane</b> <b>University of the Witwatersrand</b></p>
	<b>Question and answer session</b>
	<b>Panel Reflections on Day Three</b>
<b>18:00 – 20:00 GALA DINNER: KGORONG FUNCTION HALL</b>	

**END OF DAY THREE**

## DAY FOUR: FRIDAY, 04 APRIL 2025

08:00 – 08:30 REGISTRATION AND COFFEE / TEA

### SESSION 10: UNLOCKING THE POTENTIAL OF COLLABORATING WITH SPONSORS AND PARTNERS

**SESSION CHAIR** – Dr Mashilo Modiba: Department of South Africa, UNISA

08:30 – 09:00	<b>GUEST SPEAKER:</b> Mr Puleng Kekana, Chief Director: National Archives and Libraries National Archives and Records Services of South Africa.
<b>Presentations from exhibitors &amp; partners</b> 09:00- 11:15	Library and Information Services of South Africa National Archives and Records Services of South Africa Department of Library and Information Service (UNISA) Universal Knowledge Software Bloomsbury Publishing Plc Knowledge Management South Africa Archives Heritage Group South African Society of Archivists Springer Nature Worldwide Information Services Wolters Kluwer Health South African State Theatre
11:15- 11:20	<b>Vote of Thanks</b> Prof Nampombe Saurombe, Acting Chair of the Department of Information Science, UNISA.
11:20- 11:30	<b>Conference closure</b> Prof Siyasanga Tyali, Director: School of Arts, College of Human Science, UNISA.
11:30 – 12:00	<b>Exercise the right to food and freedom of dialogue</b>
12:30-18:00	Excursion to the National Archives and Records Services of South Africa, State Theatre in Tshwane, and the Constitutional Hill.

**END OF DAY FOUR AND THE CONFERENCE**

# Programme

*A special thank you to the UNILISA Conference sponsors and partners for their continued support.*



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