ARTIFICIAL INTELLIGENCE SYMPOSIUM 2023

Speakers
1 Prof. Daryl Balia, Deputy Vice-Chancellor  
Information Technology and Potchefstroom Campus Operations

Prof. Daryl Balia, former executive dean of the NWU’s faculty of Theology, was appointed as Deputy Vice-Chancellor: Information Technology and Potchefstroom Campus Operations in 2019 for a fixed term of five years.

2 Dr. Edmund Balnaves  
IFLA Divisional Chair

Dr. Edmund Balnaves the CEO of Prosentient Systems (Australia) and an active technologist in the library field. He is the Chair of the Information Technology (IFLA) Section in the International Federation of Library Associations and is an incoming Divisional Chair of IFLA.

He is actively engaged in the software development of open-source systems, AI, and discovery for libraries. His doctoral research was in systematic content reuse and metadata. His business provides hosted open-source library services, AI-enabled discovery, and multi-network library resource-sharing systems. His Inter-Search™ hosted services are used by over 500 libraries in Australia and the Asia Pacific region.

Title: AI on the move: From the Skynet to ChatGPT

3 Ms. May Chang  
Library Chief Technology Officer, University of Cincinnati, USA

May Chang is the Library Chief Technology Officer at the University of Cincinnati, USA, with more than 15 years of work experience in ICT and libraries. Her professional and research interests include digital transformation of organizations, digital equity and literacy, and IoT and smart and connected communities.

She is an active member of IFLA as an IT Section Mentor, AI SIG Committee Member, and Library Buildings & Equipment Section Committee Member. She also serves on the Editorial Advisory Board of Library Hi Tech.
Ms. Iman Magdy Khamis
MLIS, MSDS, Library Director, Northwestern University Qatar.
Northwestern University Qatar library director and a data scientist recently graduated from Northwestern University. Iman has been working in libraries since 2005, where she started her career in Bibliotheca Alexandrina before moving to Northwestern University Qatar. Iman’s research interests are Machine Learning and Artificial Intelligence in Libraries. She is the author of two chapters in the recently published Handbook of Research on Advancements of Contactless Technology and Service Innovation in Library and Information Science. The chapters’ titles are Chatbot for Libraries and Book Recommender System. In these two chapters, Iman explained in detail the concepts used by data scientists to build chatbots and Book Recommender Systems.

Title: Generative AI and Libraries: Challenges and Opportunities

Ms. Susan Veldsman
Director of the Scholarly Publication Unit, Academy of Sciences in South Africa.
Susan Veldsman is Director of the Scholarly Publication Unit at the Academy of Sciences in South Africa, responsible for driving the Open Science agenda, raising the visibility, discoverability, and accessibility of South African scholarly journals, improving the quality of SA research output, and supporting the development of policy frameworks to facilitate optimal use and access to publicly funded research. She received the Electronic Publishing Trust (EPT) award for her outstanding contribution to promoting Open Access in Developing Countries. She was recently the Co-chair of the IAP Report on “Combating Predatory Journals and Conferences”, launched on the 16th of March 2022.

Title: Artificial intelligence and associated tools and policies in editorial decision making.

Dr. Kirstin Krauss
Manager for Iontaofa Intelligence.
Kirstin Krauss is a Business Development Manager for Iontaofa Intelligence, a company that promotes quality scholarly communications. He is also a part-time Research Advisor of Worldwide Information Services (WWIS) and a visiting researcher for STADIO Higher Education. In prior roles, he served as an academic and Professor at several academic institutions in South Africa, including CPUT, UKZN, UP, Rhodes, and UNISA. Kirstin’s research focuses mainly on postgraduate student development, supervision capacity building, ICT for Development, Critical Ethnography, and mitigating questionable scholarly practices.

Title: Disciplinary Knowledge and Comparative Prompting Strategy Analysis. How an Academic Librarian and a Researcher Approached Topic Discovery and Keyword Identification using AI as a tool.

Title: Can I use ChatGPT to generate a fully AI-authored thesis? Reflecting on prompting strategies, useful detection tools.
Dr. Mashilo Modiba
Senior Lecturer, Department of Information, UNISA

Dr. Mashilo Modiba is a senior lecturer at the Department of Information at UNISA. His research interests include adopting and applying AI, robotic machines, cobots, IoT, big data, and cloud computing in the LIS, including archives and records management. Another research interest is in the development of intelligent libraries in South Africa.

Title: Application of artificial intelligence for the management of library and information services in the Fifth Industrial Revolution

Title: 5IR technologies in libraries: the use of internet of things and cloud computing technology to provide library and information services in the industry 5.0

Prof. Lorette Jacobs
Chair of the Department of Information Science, UNISA.

Prof. Lorette Jacobs is the Department of Information Science Chair at UNISA. Her interests range from records management to using ICTs in information practices, information literacy development, curriculum development, and improving teaching and learning practices in higher education. Her current research relates to transcending research paradigms to encompass an Afro-centric paradigmatic construct and exploring supervision models unique to the open-distance e-learning environment. She is involved in an international InterPARES AI-Trust project on using AI in archives.

Title: Artificial Intelligence use in academic libraries: Possibilities of digital twinning.

Mr. Andile Swartbooi
Digital Strategy Officer, North-West University.

Andile Swartbooi is an industry veteran with more than 25 years of experience; he currently holds the position of Digital Strategy Officer at North-West University, responsible for NWU’s end-to-end Digital Transformation programme. He has extensive experience in the Higher Education ICT sector. He was a Computer Science lecturer much earlier in his career and later held ICT Executive positions at the University of the Witwatersrand and the University of Johannesburg. He also served as Chair of the South African Universities ICT Directors Forum (SAUDIT).

Until recently, he has worked for the Sanlam Group, the biggest insurer in Africa, holding various portfolios, including Executive Head for IT Risk and governance, Chief Information Officer for Sanlam Personal Finance, Head of Software Development, and Head of IT Service Delivery. Swartbooi holds a BSc (Computer Science) and MPhil (Information and Knowledge Management); he has also completed the Global Executive Development Programme with the Gordon Institute of Business Sciences.

Title: Harnessing Artificial Intelligence to Advance Digital Transformation in Higher Education
Mr. Francis Tembo
Ph.D.  Candidate, North-West University, South Africa.

Francis Tembo is a Ph.D. candidate at North-West University, where he researches robotics and mechatronics. He holds a Master’s degree in Computer and Electronic Engineering and a Bachelor’s in Mechatronics Engineering. At North-West University, Francis contributes to the Pattern Recognition research group. His background includes software development, electronics, mechatronic systems, machine intelligence, computer vision, and data science. He enjoys applying his diverse engineering skills to build innovative solutions.

Title: From Imagination to Automation: The Iterative Design Process Behind the Kletsbek-Kitso Library Robot.

Dr. Birgit Schreiber-Dewes
Associate, Universities South Africa (USAf), South Africa.

Birgit Schreiber-Dewes was the senior director Student Affairs, Stellenbosch University, South Africa. She has worked in Higher Education for the past 25 years, in South Africa (UCT, UWC, and others) and across the Southern African region in a variety of leadership positions and leading trans-national research projects. She received her MA in Psychology and Ph.D. in Educational Psychology. She has served and read at universities in Europe and the USA, including the University of California, Berkeley, UK Leuven, NYU, and some others. She serves on the executive of various national and international professional organizations including the International Association of Student Affairs and Services (IASAS), for which she served as the Africa Chair and now as the Vice President.

Birgit has published over 50 articles and chapters on the topics of student affairs, student engagement, higher education policy, and social justice. Birgit edited a global reference book for UNESCO on student affairs across the globe and is currently involved in a monograph for New Directions in Higher Education. She was the founding member and is on the editorial executive of the accredited academic Journal for Student Affairs in Africa (JSAA), on the board of the Journal for College Student Development (JCSD) and she is the column editor of the Journal for College and Character (JCC). Birgit is an associate of the higher education umbrella body Universities South Africa (USAf) and a member of the Africa Centre for Transregional Research at the Albert-Ludwig-Universität Freiburg, Germany.

Title: Universities Learning Futures in South Africa: A case study of a national initiative with historically disadvantaged institutions.
Ms. Ayogeboh Epizitone
Researcher and Ph.D. Candidate, Durban University of Technology (DUT).

Ayogeboh Epizitone is a researcher and a Ph.D. candidate whose research goals and achievements have been centered on Information Technology in Today’s era. She is a holder of a master’s degree and several diplomas. Her background and expertise span across IT, Accounting, Finance, Business, and Management sciences. She is also a member of the ICT and Society Research Group at DUT. She holds a special inclination towards scientific computational methods in the specialised areas of machine intelligence, computer systems, software implementations, and data sciences. She is totally dedicated to the use of scientific cutting-edge data data-intensive techniques to generate pertinent, astute, and valuable solutions to critical problems facing society. Hence her current and future work from this angle delves into the use of data science, Machine learning and artificial intelligence with an emphasis on building long-term intelligent, resilient, and sustainable information systems for efficacious applications.

Title: The development of an Africentric robot: Shaka Zulu project.

Dr. Soshana de la Fuente
Ex Libris, part of Clarivate.

Shoshana de la Fuente is the Senior Product Owner for Analytics and Title Matching at Ex Libris, part of Clarivate. With over a decade of dedicated service to Ex Libris, Shoshana has held various roles within the organization, spanning across multiple products and areas of interest. Shoshana holds a Ph.D. in Library and Information Science from Bar-Ilan University and has honed strong skills in research and data analysis. Before joining Ex Libris, she worked in Academia and at the Jewish National Library. AI is an exciting topic for Shoshana, who believes that the great leaps in AI technology are opening new and intriguing possibilities in all facets of our lives.

Title: Will AI Really Replace Catalogers?

Ms. Andiswa Msi
Director of Information Technology, North-West University, South Africa.

Andiswa Msi, North-West University’s Director of Information Technology, has over 20 years of experience in operational and leadership roles. She has written three books on cybersecurity and is passionate about embracing new technologies. She navigates the rapidly evolving technological landscape and addresses modern-day cyber threats with a specialisation in cyber intelligence and cybersecurity. Andiswa’s Ph.D. research focuses on hybrid learning, data analytics and cybersecurity to improve educational practices and ensure robust security measures. She serves on three advisory boards and volunteers for professional organisations that promote collaboration and knowledge sharing among industry professionals.

Title: Optimising the Student Experience: Harnessing the Potential of AI for Improved Learning and Empowerment in Higher Education.
Ms. Phuti Rabatseta  
Masters student, UNISA.

I am a 27-year-old from Limpopo who holds a bachelor’s degree in Sociology (NWU), an honors degree in Psychology (UJ), a postgraduate diploma in library and information studies (UL) and registered for MSc in Information Science (UNISA). Currently working at Sefako Makgatho Health Sciences University as a librarian intern.

Title: Utilisation of artificial intelligence for the provision of information services at the University of Limpopo Library in South Africa.

Mr. Sylvester Jeffries  
Learning and Teaching Librarian, University of the Western Cape (UWC).

Sylvester works as a Learning and Teaching Librarian at the University of the Western Cape. In this role, he spearheads the library’s goals in respect to the advancement of 21st-century literacies in a digital university. He is responsible for designing, delivering, and evaluating learning resources that develop students’ competencies in information and digital literacies. He works to empower librarians with respect to instructional design for student-centered and flexible learning opportunities. He is passionate about learning, teaching, and research activities on the topics of continuing professional development; digital literacies; ePedagogy, and instructional design.

Title: Exploring Gamification Strategies for Effective Digital Information Literacy Instruction (PechaKucha).

Dr. Janelize Morelli:  
Senior Lecturer, Community Music, NWU School of Music, North-West University, South Africa.

Janelize Morelli (Ph.D.) is a senior lecturer in community music at the NWU School of Music. Her research is focused on relational ethics in the community arts context. Recently she has become more interested in critical posthumanist pedagogies for community music in higher education. Janelize supervises postgraduate students who are interested in arts-based research and critical theory in music education and community music contexts.

Title: Artificial intelligence technology to enhance data quality management practices in the banking industry in South Africa.
Mr. Manqoba Nzama  
Ph.D. Student, Durban University of Technology, South Africa.

Manqoba Nzama is a Ph.D. student in Business and Information Management at the Durban University of Technology (DUT), where he researches various topics in the field of commerce and business management, such as supply chain, economics, and information technology. He has a Master’s degree in Management Sciences in Administration and Information Management from DUT and a Bcom Honours degree in Supply Chain Management from the University of KwaZulu-Natal (UKZN). Manqoba has over a year of lecturing experience in business and information management at DUT, where he also tutors second and third-year students. He is passionate about applying his knowledge and skills to solve real-world problems and contribute to social and economic development. He is working on a research paper to be published in reputable journals and participated in the 19th annual IS studies conference at the University of Zululand.

Title: The Impact of Artificial Intelligence on the Manufacturing Industry in South Africa

Mbalenhle Marcia Khumalo  
Ph.D. Student, Durban University of Technology, South Africa.

Mbalenhle Khumalo is an accomplished and dedicated Ph.D. student and researcher, specializing in the field of Business and Information Management. With an unwavering commitment to advancing knowledge and making a positive impact in her field, Mbalenhle has consistently showcased exceptional aptitude and drive throughout her academic and research journey. She successfully completed her undergraduate studies at Durban University of Technology, where she earned a master’s degree in Business and Information Management. During this period, she established a solid foundation and nurtured a profound interest in the realm of Online Learning. Motivated by her enthusiasm for comprehending complex problems and devising innovative solutions, Mbalenhle made the decision to pursue a Ph.D. in Business and Information Management at the Durban University of Technology. Currently, she is in the final stages of her doctoral programme, focusing her research on the domain of Online Learning. Throughout her tenure as a Ph.D. student, Mbalenhle has consistently exhibited exceptional intellectual rigor, expertise in research methodologies, and an unwavering dedication to producing high-quality research outputs.

Title: Exploring the adoption of robotics in teaching and learning in Higher Education Institutions

Mrs. Yumnaa Ocks  
Ph.D. Student, University of the Western Cape (UWC).

Yumnaa is a University of the Western Cape (UWC) doctoral student. Her doctoral thesis focuses on the impact of the POPIA Act on academic libraries. She received her BLIS; and MLIS from the University of the Western Cape, Cape Town in 2016, and 2021, respectively. Her main area of research is academic libraries, the use of ICT in academic libraries, smart libraries, and the use of AI in academic libraries.

Title: Artificial Intelligence in libraries: A friend or Foe?
Mr. Selema Tebogo Molopa
Learning and Development Coordinator (e-Learning), Cape Peninsula University of Technology Library (CPUT).

Selema Tebogo Molopa is an experienced professional with over 14 years of experience in e-Learning and Learning and Development. He has diverse knowledge and expertise in different industries and currently serves as a Learning and Development Coordinator (e-Learning) at the Cape Peninsula University of Technology library. Prior to this, he served as an Assistant Director (e-Learning Implementation Specialist) at the Gauteng City-Region Academy (GCR Academy). Molopa is a thought leader in the field of e-Learning and has a proven track record of success in managing large-scale e-Learning initiatives, providing operational leadership and execution, conducting research, and managing resources and budgets.

Title: Artificial Intelligence-Based Literature Review Process Adaptation.

Mr. Lesedi Nchabeleng Teqsior.

With 30+ successful implementation projects and experience working with Fortune 500 companies, Lesedi is an expert in streamlining business processes and achieving maximum efficiency. Don’t be surprised to see Lesedi in a marathon, his passion for running knows no bounds as he loves nothing more than pushing himself to new limits.

Title: Adoption of AI, the analysis of South Africa.

Mr. Wouter Klapwijk
Stellenbosch University, South Africa.

Wouter Klapwijk is the Director: Information Technology Services, at the Stellenbosch University Library and Information Service. In this capacity, he is responsible for leading the ICT operations of the University’s library service, which includes ICT operations and human resources management, as well as process and project management. He has served on the guidance committees of national and regional forums to create frameworks for the implementation of digital and data repositories in South Africa and is a member of the ICT operations committees at Stellenbosch University. He is currently a standing committee member of the IFLA IT Section. He has a keen interest in knowledge organisation and representation, especially in discovering knowledge within the frameworks of the modern information society.

Title: Enroute to an AI strategy by following practical use case markers.
Mr. Mthokozisi Luthuli
Master’s Candidate, Durban University of Technology, South Africa.

Mthokozisi Luthuli is a passionate and dedicated master’s candidate and a researcher at the Durban University of Technology, specialising in the field of Business and Information Management. He successfully completed his undergraduate studies in the field of Office Management and Technology at the Durban University of Technology. He is currently revising the last chapter of his thesis and will be enrolling for a Ph.D. in Business and Information Management next year.

Title: Ethics of artificial intelligence systems in teaching and learning

Dr. Lynn Kleinveldt
Lecturer in the Faculty of Business and Management Sciences, Cape Peninsula University of Technology (CPUT), Cape Town, South Africa.

Dr. Lynn Tatum Kleinveldt, born in Cape Town, South Africa, obtained her Ph.D. in Philosophy, Science, Cognition, and Semiotics in 2018 from the University of Bologna, Italy. She is currently a lecturer in the Faculty of Business and Management Sciences at the Cape Peninsula University of Technology in Cape Town, South Africa, since 2020. Prior to this, she held the position of faculty librarian of Applied Sciences and Health and Wellness Sciences at the Cape Peninsula University of Technology for the period 2009-2019. She has 19 years of experience working in academic libraries.

Her research interests are Teaching with Technology in Higher Education; Online Learning Environments; Blended Learning; Emerging Technologies; Library Collaboration; Embedded Librarianship and Social Robotics, Research Data Management, Data Analytics, Artificial Intelligence, Virtual Libraries, Digital Libraries, Library Systems, Academic libraries supporting research, Information Literacy, Knowledge Management, and Knowledge Societies.

Some research projects conducted include integrating tablet technologies into the information literacy programme and integrating telepresence robots into international librarian collaboration to support reference services and research support services. Dr. Kleinveldt is currently serving as a Standing Committee Member of the IT Section in the International Federation of Library Associations and Institutions (IFLA) for the term 2017-2023, and Chairperson of the Library and Information Association of South Africa (LIASA) Higher Education Libraries Interest Group, 2021-2023.

Title: Integrating real-world cases on the use of generative AI into an assessment of the 2nd year business information systems subject to assess ethical use of information in the digital age.
Mr. Samuel Simango  
Manager: Research Data Services, Stellenbosch University.

Samuel Simango is the Manager: Research Data Services at Stellenbosch University’s Library and Information Service. In his role, he has been involved in the conceptualisation and implementation of several research data management initiatives at the University such as: drafting governance documents related to research data, managing the institutional research data repository, and providing data management planning as well as research data support services. In addition to this, he was involved in the Open Science component of the ilifu big data infrastructure for data-intensive research and served as one of the developers of the Research Data Management Adventure Game.

Title: Autonomous Artificial Intelligence and Machine Ethics.

Ms. Talifhani Ramaliba  
Information Management Specialist, The First National Bank (FNB), South Africa.

Talifhani Ramaliba is an Information Management specialist and is currently employed at The First National Bank (FNB). She pursued her undergraduate studies at the University of Pretoria and has since obtained her Masters degree and currently pursuing her Ph.D. from UNISA. Her Ph.D. study is focused on establishing an information governance framework for utilizing artificial intelligence technology for data quality management in the South African banking sector. Areas of interest include data quality management, artificial intelligence, artificial intelligence governance, data governance, information ethics, and information management. Ms. Ramaliba looks forward to completing her Ph.D. and having an impactful study.

Title: Artificial intelligence technology to enhance data quality management practices in the banking industry in South Africa.
Ms Nthabiseng Kotsokoane
Assistant Director: Acquisitions. University of the Free State (UFS), South Africa and Chair of The IFLA Regional Council and member of the IFLA Governing Board

Title: Role that IFLA regional structures I can play in the IA space:

Dr. Josiline Chigwad
Postdoctoral Research Fellow, UNISA.

Josiline Chigwada is a postdoctoral research fellow at the University of South Africa. She is a librarian with 16 years experience in academic librarianship. She holds a doctorate in Information Science and a Postgraduate Diploma in Higher Education. She is a member of the Library and Information Association of South Africa, the SPARC Africa management committee, the Zimbabwe Library Association, the Association for Information Science and Technology, the Zimbabwe Young Academy of Sciences, and the Rotary Club of Msasa.

She has presented in various national, regional, and international conferences. She has authored 3 books, 20 book chapters, 13 journal articles, and 7 conference proceedings.

Title: A proposed framework for developing a digital literacy course for artificial intelligence in academic libraries.

Ms. Nombuso Phamela Zondi
Research Common Tutor, Durban University of Technology.

Miss Nombuso Phamela Zondi holds a Degree of Master of Management Sciences in Library and Information Science from the Durban University of Technology. She currently works as a research common tutor where she assists post-graduate students with information services related to post-graduate research. Miss Zondi is passionate about development and access to knowledge and management.

Title: The implementation of artificial intelligence for efficient academic library services
Ms. Rebecca Bakker
Digital Collections Librarian, Florida International University, USA.

Rebecca Bakker serves as the Digital Collections Librarian at Florida International University. She is responsible for overseeing various digitization projects and managing digital archiving initiatives for the Digital Collections Centre. Rebecca also conducts workshops on digitization skills, metadata management, and content management. She specializes in digital humanities topics, such as creating oral histories and digital exhibits. Furthermore, Rebecca acts as a liaison for community and university partners, collaborating on projects involving FIU’s digital and institutional repositories. She holds an MLIS degree from Florida State University.

Title: AI in Digital Archiving: Overcoming Constraints and Meeting Demands.

Dr. Ngozi B. Ukachi
University of Lagos Library, Nigeria.

Ngozi B. (CLN, Ph.D.) is an Associate Professor and the current Head of the College of Medicine Library of the University of Lagos, Nigeria. She has worked in almost all the Sections of the university library and headed many of them. She is widely published and has presented papers locally and internationally. Ngozi has won several international awards. She is a past Chairman of the Information Technology (I.T.) Section of the Nigerian Library Association. Her research area of interest is concentrated on ICT application to library services.

Title: Virtual learning environment: effects on learning process and outcome in universities in Nigeria.

Mr. Charlie Maphuntshane Molepo
Deputy Director: Research and Scholarly Communications, University of Free State.

Charlie Maphuntshane Molepo, Professional Librarian, Teacher, and Assessor, has been the Deputy Director at UFS Library responsible for Research and Scholarly Communications since 2015. He represents non-academic staff at the University Council and serves on its Finance and Human Resources Committees. Before joining UFS, he worked at Vista University, Natal University’s Campbell Collections, University of Johannesburg, Universal Knowledge Software (UKS), University of KwaZulu Natal Libraries, and Dawson Books UK (part of Betram Books) as the International Account Director for Africa. He also served on the following governance structures in his career. Vista University Council, ETDP SETA Board member 2000-4, and in 2010 – 12. Member and Chair SAQA Standard Generating Body Library & Information Services (SGBLIS) (2002 – 2010). He served as the President of the Union of Democratic University Staff Associations (UDUSA) for three two-year terms. LIASA Executive Chair CPD 2004- 5, Currently serves on the Library and Information Association of South Africa (LIASA) as President-Elect (2022-2023).

Title: Artificial Intelligence in Scholarly Communications: Friend or Foe.
Rosina Ramokgola is a Data Curation Officer, Scholarly Communications Unit in the Department of Library Services at the University of Pretoria. She is responsible for the UP-Research Data Repository known as Figshare and Research Data Management. She holds a master’s degree from the University of Pretoria. Currently, pursuing her second master’s in digital Curatorship at the University of Cape Town.

Rosina has been a member of the Department of Library Services for a decade where her career has been focused primarily on client service. She is an active member of the Network of Data and Information Curation Communities (NeDICC) and Library Carpentries. She is involved in AI Chatbot for Libby focusing on a client service knowledge base. She is passionate about new trends in the library, particularly those that change the way service is offered. She is also passionate about AI in Libraries because it is the future.

Title: Integrating AI chatbot on the Academic Library Website.

Cristian Maturana is a Documentalist Librarian specializing in service innovation and design, with experience in quality management, information security, social media strategies, and digital marketing. He is the Coordinator of Innovation and Technology at the Santiago Library in Chile, which is part of the National Service for Cultural Heritage. He works as a teacher at the ENAC Technical Training Center and has also collaborated as a teacher at the Universidad Tecnológica Metropolitana and the Universidad Alberto Hurtado, among other higher education centers.

He has participated in and led various Ibero-American projects related to online education and knowledge management, such as Aprender3c, SocialBiblio, Infotecarios, Infoconexión, and Innovalibre, among others. He has provided consultancy services to various organizations, institutions, and companies in service development, digital positioning, implementation of technological solutions, and e-commerce. He has received several awards, scholarships, and recognitions, including the International Visitor Leadership Program (IVLP) from the United States government (2010) and participation in the INELI Iberoamerica program of the Bill & Melinda Gates Foundation (2015-2017).

Title: Total Quality in Libraries Using Artificial Intelligence.
Experience in the higher education industry, coupled with her proficiency in analytical, technical, and problem-solving techniques showcases a versatile skill set. Her academic achievement of a master’s degree in Natural Science education, with a focus on Chemistry and Computer Science from North-West University, indicates a solid foundation in both education and technology-related fields. This combination of skills and expertise is valuable in bridging the gap between education and technology, which is crucial in today’s educational landscape.

**Topic: Future of Teaching and Learning Analytics at the NWU.**

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**Dr. Mathew Moyo**  
Chief Director: Library and Information Services, North-West University.

Mathew Moyo is currently Chief Director: Library and Information Service at the North-West University, South Africa. His experience in the LIS field spans more than 25 years. Dr. Moyo has also lectured in the Information Science field for more than 5 years. He holds a Doctoral Degree in Library and Information Science, as well as leadership qualifications. He has read papers at national and international conferences, as well as serving as a reviewer for various journals and examiner for a number of universities.

Mathew’s research interests are in the areas of information literacy, Research Data Management, user behavior, and governance/management, among others. He is also passionate about mentorship and capacity building.

**Title: NWU LIS 4IR Context.**
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