Conference Theme: BUILDING SUSTAINABLE FUTURES THROUGH RESEARCH, INNOVATIONS, STRATEGIES & PARTNERSHIPS

VENUE: BOTHO UNIVERSITY, GABORONE, BOTSWANA │ **Dates:** 12th - 13th JUNE 2025

Opening Ceremony

Master of Ceremonies: Prof Jane Iloanya & Prof. Robert Machera

Time	Activity	Speaker
07:30-08:00	**Registration/onboarding of participants & Presenters**	
08:00-08:05	**MC Announcements**	
08:05-08:15	**National Anthem**	
08:15-08:30	**Welcome Remarks & Introductions**	**Dr Sheela Ram, Vice Chancellor**
08:30-08:50	**Keynote Address: Innovating Today for a Resilient Tomorrow: Strategies for Sustainable Futures**	**Hon. Lawrence Ookeditse, Assistant Minister, Ministry of Health**
08:50-09:00	**Group photos**	
09:00-10:30	**Panel Discussion: Collaborating for Change: Bridging Research, Innovation, and Policy for Sustainability**	**Ms. Anushka Bogdanov, Director - Risk Insights (Moderator)**

PANEL DISCUSSION: SUB THEMES

1. Innovating for Impact: Transformative Solutions for Global Sustainability Challenges **Panelist: Mr Alankar Malviya, UNAIDS Country Coordinator, Botswana**

2. The Role of Industry in Shaping a Sustainable Future **Panelist: Mr. Timothy Sipho Matsebula, Eswatini**

3. The Role of Academia in Shaping a Sustainable Future **Panelist: Prof. Dr. Sabine Moebs, DHBW, Germany**

4. Building Resilient Communities: Integrating Local Knowledge with Global Innovation **Panelist: Mr. Kaene Disepo, Botswana**

| 10:30-10:40 | Vote of Thanks: **Mr Golekanye Setume** | |

End of Opening Ceremony

10:40-11:00 COFFEE BREAK

Time	Track 1 (Education)	Track 2 (Resilient & sustainable businesses)
	Track Chair: Prof Jane Iloanya	Track Chair: Prof Olumide Jaiyeoba
	Venue : Multipurpose room, Otse	Venue : Otse 3 Theatre
11:00- 11:25	**Paper 37: The Influence of Pedagogical Leadership on Employee Performance in a Zimbabwean University Context** Authors: Rosemary Guvhu, Tinashe Zishiri, Theo Tsokota and Richard Kusakara	**Paper 12: Public-Private Partnerships for Sustainable Energy: The Role of CSR in Advancing Clean Energy Access in African Informal Settlements** Authors: Neville Mangwiro and Oluwagbenga Apata
11:25- 11:50	**Paper 14: The Determinants of University Service Quality: A panacea for long-term success for HEI.** Author(s): Wilbert Chidaushe, Stegi Shine, Mini Sebastian, Precious Bernifield, Martin Dzimbanhete and Alice Monyi	**Paper 16: Salience-weighted generalised conditioning model: Understanding preference shifts towards SDG investments** Author: Emmanuel Ndhlovu
11:50- 12:15	**Paper 18: Reimagining Learning Spaces and Education through Black Panther's Afro-futurism** Author: Buhle Mpofu	**Paper 17: Stability and effectiveness of Integrated National Financing Frameworks in sustainable finance co-operation: Insights from evolutionary game theory** Author: Emmanuel Ndhlovu

12:40-14:00 LUNCH BREAK

12:15- 12:40	**Paper 22: Exploring Teachers' Perceptions Towards ChatGPT in Institutions of Higher Learning in Lesotho** Authors: Retsepile Makhalalelo Tjaoane and Mamonaheng Francina Selloane Ntsane	**Paper 42: Optimizing Public Investment: Choosing between Physical and Human Capital when the Rate of Return to Physical Capital Exceeds that of Human Capital** Author: Emmanuel Ameyaw
1240 - 1245	Sponsor presentation - **Academia Serosoft**	Sponsor presentation - **BUKU**
12:45- 14:00	**LUNCH BREAK**	
14:00- 14:25	**Paper 44: INDUCTION EXPERIENCES OF RECENTLY APPOINTED HEALTH SCIENCES LECTURERS AT GOOD SHEPHERD CATHOLIC COLLEGE OF HEALTH SCIENCES, IN ESWATINI** Authors: Thandeka Hamilton Mhlongo and Jane Iloanya	**Paper 13. The Determinants of Green Universities in Botswana: A sine qua non for green satisfaction.** Authors: Wilbert Chidaushe, Stegi Shine, Mini Sebastian, Martin Dzimbanhete, Alice Monyi and Precious Bernifield
14:25-14:50	**Paper 35: Exploring the computer applications used by STEM teachers to enhance self-directed learning in Bulawayo Metropolitan Province: Moving towards a more sustainable approach** Authors: Nhlanhla Mkwelie, Andrew Mangena, Joseph Hlongwane and Ipelegeng Matibela	**Paper 54: LEADERSHIP GENDER DIVERSITY AS A DRIVER OF BETTER SUSTAINABILITY** Author: Andrey Bogdanov

15:15-15:40 COFFEE BREAK

Time		
14:50-15:15	**Paper 49: Integrating vocational education into Botswana's secondary school curriculum: strategies for enhancing skills development and youth employability.** Authors: Modibedi Ndiane and Jane Iloanya	**Paper 27: Comparing Economic viability of Hydroponic systems for Commercial plant production** Authors: Aparna Kadiyala, Shantha Indrajith, Mini Sebastian, Sivakumar Venkataraman and Faro Kunzvi
15:15- 15:40	**COFFEE BREAK**	
15:40-16:05	**Paper 45: Evaluating the implementation realities of learner-centred methodology in Botswana Secondary Schools.** Authors: Marang Mutuna and Jane Iloanya	**Paper 36: A review of key issues in fashion and sustainability over the past decade 2014-2024** Authors: Kaitano Dube and Mahle Beauty Maqwazima
16:05-16:30	**Paper 33: Mainstreaming Education for Sustainable Development in the Zimbabwean Higher Education Institutions. A Systematic Literature Review.** Authors: Nhlanhla Mkwelie and Mehluli Moyo	**Paper 43: Exploring the Impact of Work Integrated Learning (WIL) on student employability and industry Readiness: A case study of Accounting Students in Botho University in Botswana.** Authors: Olumide Jaiyeoba, Robert Machera, Samuel Chingoiro and Ivy Rose Mathew.
16:30 -16:55	**Paper 24: The role of English communication skills bi in academic success: A systematic review of university students' performance** Author: Nthati Mosebi	**Paper 46. Harnessing the transformative power of Mobile Money towards saving among rural informal businesses in Lesotho** Mamotseli Ntlatlapa and Emmanuel Zhanda
16:55-17:20	**Paper 52: The impact of internship on attainment of Botho Graduate Profile (BGP) attributes: a case of Botho University students' perspectives** Tonderai Vumbunu and Samuel Chingoiro	

17:30-19:30 NETWORKING DINNER

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Day 2 (13 June 2025)		
Time	**Track 1 (Education)**	**Tracks 5 (Tourism)**
	Track Chair: Prof Jane Iloanya	Track Chair: Dr T Vumbunu
	Venue : Multipurpose room, Otse	Venue : Otse 3 Theatre
08:00-08:25	**Paper 61: Evaluating the progress of Digital Technology Integration Beyond ICT in Education: A policy review Across African countries** Author: Nomathemba Moyo	**Paper 38: Integration of unemployed inhabitants by developing employable skills for mutual benefits between the neighbouring communities and a Game Reserve** Authors: Shantha Indrajith Hikkaduwa Liyanage, Ivy Rose Mathew, Samuel Chingoiro and Olivia Nthoi
08:25-08:50	**Paper 29: Perceived impact of generative artificial intelligence on students' learning experiences: A case of Botho University Lesotho** Authors: Likese Mota, Matau Mothabeng and Makatiso Mpho Ntsekhe Seoane	**Paper 51: Leveraging Community-Based Ecotourism for Socio-Economic Empowerment A Case Study of The People's Path Project in North-Western Botswana** Authors: Olivia Nthoi, Tonderai Vumbunu, Nametsegang Motshegwa, Ivy Rose Mathew and Sethunya Mogami

		Track 4 (Data Science, AI, Tech & Engineering)
		Track Chair: Dr Kishor Kumar Reddy
		Venue : Otse 3 Theatre
08:50-09:15	**Paper 25: Unpacking opportunities for authentic learning using challenge-driven educational pedagogy: Evidence from Botho University** Authors: Emmanuel Zhanda and Oscar Tsie	**Paper 5: Enhancing Financial Fraud Detection through Machine Learning: A Comparative Study of Anomaly Detection and Classification Models on Imbalanced Datasets** Author: Ravinder Singh
09:15-09:40	**Paper 50: Student Engagement in Accounting Internships: Bridging the Gap Between Academic Theory and Professional Practice – A case for Private Higher Education Institutions** Author: Precious Charakupa Machera, Robert Pfumbudzayi Machera and Rumbidzai Tanya Machera	**Paper 10: Artificial Intelligence-Driven Healthcare Diagnosis in SADC: Developing a Lesotho-Specific Disease Detection Model** Authors: Wole Olatogun and Mathabo Rampanyane
09:40-1005	**Paper 59: EXPLORING CLASSROOM-BASED INTERVENTIONS IN ESL SYLLABUS DELIVERY FOR GRADE 4. A CASE STUDY OF A SELECTED SCHOOL IN NAMIBIA** Authors: Hileni Shipanga, Marian Tegga Harupe and Joyce Masiye	**Paper 68: DEVELOPING A MACHINE LEARNING MODEL FOR RECOGNISING AND PROCESSING VISUAL PATTERNS FROM GESTURE-BASED INPUTS FOR PEOPLE WITH HEARING OR SPEECH CHALLENGES** Authors: William Nkomo, Refuoe Chingoiro & John Batani

Day 2 (13th June 2025)

BOTHO UNIVERSITY INTERNATIONAL RESEARCH CONFERENCE (BUIRC 2025)

BU IRC
11th BOTHO UNIVERSITY
INTERNATIONAL RESEARCH
CONFERENCE 2025

10:05-10:10	Sponsor presentation - **BUKU**	Sponsor presentation - **Academia Serosoft**
10:10-10:30	**COFFEE BREAK**	
10:30-10:55	**Paper 21: Assessing and Enhancing the Quality of Online Examinations in Higher Education Institutions.** Authors: Mamonaheng Francina Selloane Ntsane and Retsepile Tjaoane	**Paper 48: Artificial Intelligence in Sustainable Fashion: A Data-Driven Approach to Waste Reduction and Resource Optimisation** Author: Rumbidzai Tanya Machera, Robert Pfumbudzayi Machera and Precious Charakupa Machera
	Track 3 (Health)	
	Track Chair: Dr Thokgamo	
	Venue: Otse 1 Theatre	
10:55-1120	**Paper 28: Impact of Health Literacy on Health Risk Behaviors and Academic performance among Graduate Learners.** Authors: Aparna Kadiyala, Babli Kumari and Tampiwa Chebani	**Paper 11:** A Cooperative Approach for Knowledge-based Business Process Design Authors: Michele Missikoff, Mohammad Azarijafari, Luisa Mich and Oleg Missikoff.
11:20-1145	**Paper 58: Strategies to strengthen the clinical accompaniment of nursing students through caring presence: An e-Delphi study** Authors: Beauty Zulu, Emmerentia du Plessis and Miriam Moagi	**Paper 64: Cloud Radio Access Network: Architectural Foundations, Challenges, and Future Directions** Authors: Digotetso Matema, Bakang Motshegwe and Shree Om
11:45-1210		**Paper 69: The role of Robotics and Automation in Research and Development: Enhancing Efficiency and Productivity** Author: Rannzida Hasandi
12:10-1235		**Paper 57: Scaling Sustainable Innovation Through Design Thinking and Indigenous Knowledge: The Evolution and Impact of the ITIKI Ecosystem in Africa** Author: Muthoni Masinde
1235-1250	**Closing Remarks**	**Prof. Samuel Chingoiro**