

Strengthening Research and Innovation Management (SRIM) II

Research and innovation management for impact on driving national economies
10-11 August 2023, Phakalane Golf Estate, Gaborone, Botswana



science & innovation
Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



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National Agricultural Research and Development Institute



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SYMPOSIA PRESENTATIONS DAY 2 11 AUGUST 2023

08:00-08:20	<i>Innovation for Transformation: Research, Practice and Policy Perspectives from the Transformative Innovation Africa Hub (TIAH)</i> Prof Chux Daniels, Director, Transformative Innovation Africa Hub (TIAH), Future Africa Campus, University of Pretoria, South Africa; Research Fellow in Science, Technology and Innovation Policy, University of Sussex, UK
SESSION 4	Sub Theme: Research Management and Administration: What Needs to Happen to Effectively Support Research now and in the Future Session Chair: Lt. Col. David Dimapo: BDF
08:20-08:35	<i>What makes Research Management and Innovation Work? University of Botswana's Experience</i> Mr. Molefe Rantsudu: University of Botswana, Botswana.
08:35-08:50	<i>Technology Transfer Efficiency: Developing Scientific and Technological Capabilities for Technology Transfer Professionals in Botswana</i> Dr. Oabona Enock Nthebolang: SARIMA and BERA.
08:50-09:05	<i>Research Funding Process Management; Beyond the Proposal and Money</i> Mr. Olebile Bolobilwe: University of Botswana, Botswana.
09:05-09:20	<i>Promoting Efficiency through Customised Information and Communication Technologies (ICT) Solutions in Grants and Ethics Management</i> Ms. Charmaine Slindile Khumalo: University of the Witwatersrand, South Africa; Yolanda Davids, University of the Witwatersrand, South Africa.
SESSION 5	Sub Theme: Research Management and Administration: What Needs to Happen to Effectively Support Research now and in the Future Session Chair: Ms Basadi Masitha: NARDI
09:20-09:35	<i>Research Managers as Critical Success Factors in International Collaborations</i> Dr. Mogodisheng B.M. Sekhwela: Botswana Open University, Botswana
09:35-09:50	<i>Collaborative Research Infrastructure</i> Dr. Raven Jimmy: National Research Foundation, South Africa, Mpai Motsei: National Research Foundation, South Africa
09:50-10:05	<i>The Role Of R&D Internationalization on Performance Outcome: A Comparative Analysis</i> Mr. Thatayaone Mathala: International Labor Organization, Botswana.
10:05-10:35	TEA BREAK

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SESSION 6	<p>Sub Theme: Technology and Innovation for Development: Converting Knowledge to Social and Economic Value</p> <p>Session Chair: Dr Andrew Bailey: SARIMA</p>
10:35-10:50	<p><i>Utilizing Multimedia Technologies in Research as a way of Disseminating Results</i></p> <p>Mr. Atang Ndzimombe: University of Botswana, Botswana.</p>
10:50-11:05	<p><i>A Critique of Certain Scientific Theories: A Case Study of Global Warming Phenomenon</i></p> <p>Mr. Babulayi Bister Wilson: University of Botswana, Botswana</p>
11:05-11:20	<p><i>Ecosystems by Design NOT Accident: The Economics of SMEs' Ecosystems in Botswana</i></p> <p>Dr. Badziili Nthubu: Botswana International University of Science and Technology, Botswana.</p>
11:20-11:35	<p><i>Microencapsulating Technologies From Cyclic Starch Molecules</i></p> <p>Dr. Baghali Guys Mathapa: Botswana University of Agriculture and Natural Resources, Botswana</p>
SESSION 7	<p>Sub Theme: Technology and Innovation for Development: Converting Knowledge to Social and Economic Value</p> <p>Session Chair: Dr Otlhapile Dinakenyane: BIUST</p>
11:35-11:50	<p><i>Multifaceted Nanotechnology: From the Lab to Innovative Sustainability</i></p> <p>Dr. Bellah Oreeditse Pule: Botswana Institute for Technology Research and Innovation, Botswana.</p>
11:50-12:05	<p><i>Capacity Building For Diagnostics: The Case Of Foot & Mouth Disease Rapid Tests</i></p> <p>Dr. Boitumelo Mudabuka: Botswana Institute for Technology Research and Innovation, Botswana.</p>
12:05-12:20	<p><i>Stage and Prospects for Cooperation in Science, Technology and Innovation Among the Active Countries of SADC</i></p> <p>Dr. Fernando Venancio Mucomole: Eduardo Mondlane University, Mozambique; Carlos Silva: UL-IST, Mozambique; Lourenco Magaia, UEM-FC, Mozambique.</p>

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SESSION 8	<p>Sub Theme: Technology and Innovation for Development: Converting Knowledge to Social and Economic Value</p> <p>Session Chair: Dr Dimane Mpoeleng: BIUST</p>
12:20-12:35	<p><i>Impact of Adapting Artificial General Intelligence (AGI) in Medical Diagnosis: A Systematic Literature Review</i></p> <p>Mr. Jennitor Bodika: Botho University (MSc Student), Botswana.</p>
12:35-12:50	<p><i>Developing a Framework for SME Sustainability Reporting</i></p> <p>Dr. Naledi Tendai Moyo: Botswana Accountancy College, Botswana.</p>
12:50-13:05	<p><i>IP for Economic Development - Recognizing the Value from Humanities and Social Sciences Research</i></p> <p>Julia Gaorekwe and Kereilemang Khana Nthoiwa: University of Botswana.</p>
13:05-13:20	<p><i>Collaboration for Development within the Framework of the Triple Helix Model</i></p> <p>Mr. Roland Moyo: Botswana Accountancy College, Botswana; Maalila Malambo: Botswana Accountancy College, Botswana.</p>
13:20-14:10	LUNCH
SESSION 9	<p>Sub Theme: Technology and Innovation for Development: Converting Knowledge to Social and Economic Value</p> <p>Session Chair: Mr Juda Bogopa: NARDI</p>
14:10-14:25	<p><i>Research and Intellectual Property Rights Landscape; The Case of Botswana - Desk Research Report</i></p> <p>Mr. Kesupemang Pitlagano: Botswana Institute for Technology Research and Innovation, Botswana</p>
15:25-15:40	<p><i>Knowledge-Based Economy Capacity Building for Developing Countries: A Panel Analysis in the Southern African Development Community</i></p> <p>Mr. Koketso Phale: Letshego Holdings Limited</p>
15:40-15:55	<p><i>Research Management, Technology Transfer and Commercialization at BITRI - Lessons Learned</i></p> <p>Mr. Mathogonolo Ronnie Mosweu: Botswana Institute for Technology Research and Innovation, Botswana; Kgomotso Radijeng: Botswana Institute for Technology Research and Innovation, Botswana</p>
	<p><i>Refining Entrepreneurship and Innovation Policy: Harnessing Artificial Intelligence Opportunities to Solve Social and Economic Problems</i></p> <p>Ms. Refilwe Malepa: Botswana Accountancy College, Botswana</p>
15:55-16:10	TEA BREAK

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SYMPOSIUM PRESENTATIONS DAY 2 11 AUGUST 2023

SESSION 10	Sub Theme: Technology and Innovation for Development: Converting Knowledge to Social and Economic Value Session Chair: Dr Bathsheba Mbongwe: BITRI
16:10-16:25	<i>The Indispensability of Critical Thinking in Innovation for Development in Botswana</i> Mr. Stephen Pabalelo, University of Botswana, Botswana.
16:25-16:40	<i>The Empirical Evaluation of the Association Between Derivatives Markets and Market Factors in Zimbabwe and Botswana</i> Mr. Wilbert Chidaushe: Botho University, Botswana; Professor Tavonga Njaya: Zimbabwe Open University, Zimbabwe
16:40-16:55	<i>Enhancing Teaching and Learning Experiences Through Evaluating Moodle Open Educational Resources for Junior Business Students</i> Dr. Tommie Hamaluba, Botswana Open University, Botswana
16:55-17:10	<i>Determinants of Impactful R&I Management - Case for Construction Industry</i> Dr. Esau Masuku: Botswana Institute for Technology Research & Innovation, Botswana; Gaopalelwe Basimolodi: Botswana Institute for Technology Research & Innovation, Botswana
17:10-17:25	<i>Driving Botswana Economic Growth through BIM</i> Keoagile Kerileng: BUIST, Botswana
17:25-17:35	SYMPOSIUM CLOSURE Dr. Tlamele Sekambo: Vice Chair, LOC for SRIM II Botswana