

NATIONAL RESEARCH SYMPOSIUM, NIPAM, WINDHOEK	
Windhoek Time (UTC+2)	DAY 1: THURSDAY, 24 NOVEMBER 2022
8:00AM - 9:00AM	Registration
9:00AM - 10:40AM Venue:	<p>OPENING PLENARY SESSION</p> <p>Director of Ceremonies:</p> <p style="text-align: center;"><i>National & AU Anthems</i></p> <p>Welcoming Remarks</p> <p>PANEL DISCUSSION: EARLY CAREER RESEARCH (1hr)</p> <p>Moderator: Presentation</p> <p>Panel members:</p> <p>Keynote Address</p> <p>Vote of Thanks</p> <p><i>AU & National Anthems</i></p>

NATIONAL RESEARCH SYMPOSIUM, 24 NOVEMBER 2022, NIPAM, WINDHOEK	
10:40AM - 11:30AM Venue: Foyer	<p>Tea Break</p> <p>Group Photo, Expo Walkthrough & Poster presentations</p>
11:30AM - 1PM Session 1: Plenary presentations Venue: Plenary	<p>NAMIBIA'S RESEARCH, SCIENCE, TECHNOLOGY AND INNOVATION POLICY ENVIRONMENT</p> <p>Chairperson: Revised National Science, Technology and Innovation Policy (2020-2030) (15 min)</p> <p>Namibia's Second National Programme on Research, Science, Technology and Innovation (15 min)</p> <p>UNESCO Recommendation on Science and Scientific Researchers (15 min)</p> <p>Namibia Research Output and Journal Accreditation Policy (15 min)</p>

	Questions & Discussions
1PM - 2PM	Lunch Break

DAY 1 AFTERNOON SESSIONS - ORAL PRESENTATIONS, 24 November 2022		
Session 2: 2PM - 3:30PM	2A: Health Venue: Plenary Chairperson:	2B: Human & Social Sciences Venue: XXXXX Chairperson:
15 min (10 min presentation & 5min questions)	1. Investigation Of Factors Contributing To Cervical Cancer Among Women At Intermediate Hospital Oshakati, Oshana Region, Namibia	1. Virtual: The value of Namibian scholars' research contributions in influencing decision making and development
15 min (10 min presentation & 5min questions)	2. Virtual: Investigating cestode modulation of the neuroimmune response in neurocysticercosis	2. An analysis of the merits and demerits of the introduction of the Kiswahili language in Namibia
15 min (10 min presentation & 5min questions)	3. Evaluating Risk Factors Associated with Pulmonary Tuberculosis Among Namibian Healthcare Workers	3. Investigating the impact of leadership on job satisfaction and work stress of healthcare professionals in the Khomas region, Namibia
15 min (10 min presentation & 5min questions)	5. Perceptions of registered nurses/midwives pertaining to their teaching and mentoring roles in maternity wards, Windhoek, Namibia	4. The relationship between orphanhood and children's subjective wellbeing in Namibia
15 min (10 min presentation & 5min questions)	6. The general health status of public servants in Namibia: A case study survey of the Ministry of Works and Transport	5. Investigating the predictors of job satisfaction and work engagement of mine workers in Tsumeb, Namibia
15 min (10 min presentation & 5min questions)	7. In vitro biofilm formation by Salmonella spp. isolated from a poultry processing facility in central Namibia and their association with antimicrobial resistance	6. Social media as a mobilization and engagement tool for extended participatory democracy in the Swakopmund Local Authority supplementary elections-2022, Namibia
15 min (10 min presentation & 5min questions)	8. Modelling And Participatory Geographic Information System Approaches To An Analysis Of The Relationship Between Food Systems And Non-Communicable	The mediating effect of workplace spirituality on the relationship between mental health, job performance, work engagement and career success. The case of University staff members

	Diseases In Informal Settlements, Windhoek, Namibia	
3:30PM - 4:00PM Venue: Foyer	Tea Break	
Session 2 cont.: Abstract presentations 4.00PM - 05:00PM	2A cont.: Health Venue: Plenary Chairperson:	2B cont.: Human & Social Sciences Venue: XXXXX Chairperson:
15 min (10 min presentation & 5min questions)	8. Application of In vitro cellular evidence in the discovery of novel natural and synthetic therapeutics	7. Investigating the impact of emotional intelligence and job satisfaction on burnout of employees in the public sector, Windhoek
15 min (10 min presentation & 5min questions)	9. Views and Perceptions of 3rd Year Degree Nursing Students Regarding Pre-Exposure Prophylaxis (PrEP) at the University of Namibia (UNAM) Main Campus	8. Effect of Covid-19 on Postgraduate Support and Services at The University of Namibia
15 min (10 min presentation & 5min questions)	10. Synthesis, Partial-Characterization and In Vitro Antimicrobial Activities of Chalcone-Quinoline Hybrids	9. A 2019 Social Accounting Matrix (SAM) for Namibia
15 min (10 min presentation & 5min questions)	11. Ondjoho (<i>Tribulus terrestris</i>): Overview of potential to treat erectile dysfunction and spermatorrhea	
END OF DAY 1		

NATIONAL RESEARCH SYMPOSIUM, NIPAM, WINDHOEK	
Windhoek Time (UTC+2)	DAY 2: FRIDAY, 25 NOVEMBER 2022
8:00AM - 9:00AM	Registration
9:00AM- 10:30AM Session 4: Venue: Plenary	<p>Opening Plenary Panel Discussion - TVET LANDSCAPE AND THE IMPACTS OF RESEARCH IN THE SECTOR (1 hr)</p> <p>Welcoming Remarks (5 min) Moderator:</p> <p>Presentation (15 min) - National Technical and Vocational Education and Training (TVET) Policy</p> <p>Panel members:</p> <p style="text-align: right;">Questions</p>
10:30AM - 11:00AM Venue: Foyer	Tea Break

NATIONAL RESEARCH SYMPOSIUM, DAY 2, 25 NOVEMBER 2022, NIPAM, WINDHOEK		
11:00AM - 12:00PM Oral presentations	3A: Technical and Vocational Education and Training (TVET) Chairperson:	2B cont.: Human & Social Sciences Venue: XXXXX Chairperson:
15 min (10 min presentation & 5min questions)	1. Using Cultural Historical Activity Theory (CHAT) as a Framework for Informing the Continuous Professional Development (CPD) Strategy for Technical and Vocational Education and Training (TVET) Trainers	11. Building Resilient Supply Chains for retailers in the FMCG Sector in Namibia: Lessons from COVID-19 Pandemic
15 min (10 min presentation & 5min questions)	2. Integration of Information and Communications Technology (ICT) in Technical and Vocational Education and Training (TVET) Institutions-A Systematic Review	11. Local Authorities Challenges in The Provision of Services and Performance Results: An Exploratory Case Study on The City of Windhoek Municipality
15 min (10 min presentation & 5min questions)	3. Inclusive Education in TVET institutions: A Systematic Review	12. GIS Drone Crime Monitoring System
15 min (10 min presentation & 5min questions)	4. Implementation of Work-Integrated Learning (WIL): A Systematic Review	13. The effects of architectural space on human behavior

NATIONAL RESEARCH SYMPOSIUM, DAY 2, 25 NOVEMBER 2022, NIPAM, WINDHOEK	
11AM - 12:30PM Oral presentations	3B: Science & Technology Venue: XXXXX Chairperson:
15 min (10 min presentation & 5min questions)	1. Fungal Carbohydrate Active Enzymes profile: current status and future prospects
15 min (10 min presentation & 5min questions)	2. An ESIPT-ICT steered naphthylthioic-based ionic probe with dual emissive channels exhibiting CHEF and CHEQ effects
15 min (10 min presentation & 5min questions)	3. ESIPT-driven C3-symmetry, disk-shaped fluorescence turn-on probe for Zn ²⁺ based on melamine-naphthyl moiety with high affinity towards Cu ²⁺ in CH ₃ CN
15 min (10 min presentation & 5min questions)	4. Reasoning without words: The use of gestures in mathematical problem solving
15 min (10 min presentation & 5min questions)	5. Overview of the Socio-Economic Impacts of the Green Hydrogen Value Chain in Southern Africa
15 min (10 min presentation & 5min questions)	6. The Study of Green Hydrogen Projects in SCDI/Lüderitz towards Sustainability: Leveraging on Emerging Technologies

NATIONAL RESEARCH SYMPOSIUM, DAY 2, 25 NOVEMBER 2022, NIPAM, WINDHOEK		
12:00PM - 1:00PM Session 4: Oral presentations	44: Environment, Water & Sanitation Venue: Plenary Chairperson:	2B cont.: Human & Social Sciences Venue: XXXXX Chairperson:
15 min (10 min presentation & 5min questions)	1. Preliminary Results on the Carbon Sequestration Potentials of Mangrove Sediments in Eastern Niger Delta, Nigeria	14.
15 min (10 min presentation & 5min questions)	2. A geochemical baseline study of giant kelp (<i>Macrocystis pyrifera</i>) at the kelp blue farm to assess carbon sequestration potential	15. Exploring teacher leadership enactment in Namibia
15 min (10 min presentation & 5min questions)	3. The use of Remote Sensing Indices to detect drought in Kavango East and West Regions	
15 min (10 min presentation & 5min questions)	4. On the techno-economic performance and preferability of solar water heaters in Windhoek	
15 min (10 min presentation & 5min questions)		
1:00PM - 2PM	Lunch Break	
2PM - 3PM Session : Oral presentations	5 cont.: Environment, Water & Sanitation Venue: Plenary Chairperson:	2B cont.: Human & Social Sciences Venue: XXXXX Chairperson:
15 min (10 min presentation & 5min questions)	5. Potential Of Selected Microalgae In Bioremediation Of Wastewater Polluted Dam Water: A Case Of Goreangab Dam In Windhoek, Namibia	18. Namibia's research contribution toward sustainable development goals: a descriptive bibliometric analysis

15 min (10 min presentation & 5min questions)	6. Eutrophication Assessment In The Kavango River System From Rundu To Divundu, Namibia	19. The mediating effect of motivation on job satisfaction and work-life balance amongst selected employees at a higher education institution in Namibia
15 min (10 min presentation & 5min questions)	7. Assessing the impact of Omaruru municipal dumpsite on groundwater within Omaruru river basin	20. Assessing the Asymmetric Implications of the Common Monetary Area on the Stability of the Namibian Money Demand Function
15 min (10 min presentation & 5min questions)	8. What do we eat and when? The Cape fur seal diet along the Namibian coast over 28 years	
15 min (10 min presentation & 5min questions)	9. The effects of prebiotics on the growth performance and gastrointestinal microflora modulation in <i>Oreochromis mossambicus</i> in Hardap region, Namibia	
3PM - 4PM Session : Oral presentations	6A: Indigenous Knowledge Venue: XXXXX Chairperson:	6B: Agriculture & Food Security Venue: Plenary Chairperson:
15 min (10 min presentation & 5min questions)	1. Synthesis Of Carbon Nanodots (Nanoparticles) From Wood Of Omwoolo (<i>Terminalia Sericia</i>) And Omuhongo (<i>Spirostachys Africana</i>) For Fingerprint Detection	1. A case study of the Ndaka Mushrooms and Processing project with special reference to employment creation and food security through sustainable mushroom farming practices in Namibia

15 min (10 min presentation & 5min questions)	2. Policy perspective on medicinal plants databases and intellectual property rights from Namibia and South Africa	2. The Poverty and Economy-wide effects of Increasing Agriculture Productivity in Namibia: a top-down macro-micro simulation analysis
	3. Phytochemical and biological screening of <i>Hydnora abyssinica</i> rhizome extracts	3. Virtual: Compound Nitrogen, Phosphorus and Potassium Synthetic Fertilizers Improved Pearl Millet Grain Yield in Namibia
	4. Antimicrobial Activity of Pechuel-Loeschea Leubnitziae Leaf Extract and Its Effect on the Expression Level of Methicillin-resistant Staphylococcus aureus and Candida albicans Virulence-Associated	4. Response of Cowpea and Pearl millet yield and yield-components to Manure and Relay Planting under intercropping systems in Namibia
4PM - 4:30PM	Tea Break	

NATIONAL RESEARCH SYMPOSIUM, 25 NOVEMBER 2022, NIPAM, WINDHOEK

4:30 - 5:00PM
Venue: Plenary

CLOSING CEREMONY

Director of Ceremonies:
Closing Remarks (10 min):

Vote of Thanks (5 min):

EXHIBITORS

1. FirstRand Namibia Limited
2. Konrad-Adenauer Stiftung (KAS)
3. Namibia Power Corporation (NamPower)
4. Southern African Science Services Centre for Climate Change and Adaptive Land Management (SASSCAL)
5. Namibia University of Science and Technology (NUST)
6. University of Namibia (UNAM)
7. International University of Namibia (IUM)
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9. Namibia College of Open Learning (NAMCOL)
10. National Commission on Research, Science and Technology (NCRST)
11. Merck Namibia
12. Ministry of Mines and Energy - Geological Survey
13. Gobabeb -Namib Research Institute
14. Thikamapo Biogas and Farming
15. Nitha's Manufacturing
16. Ndaka Mushrooms
17. Neo Professional Development Institute

We would like to sincerely thank the following sponsors:

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3. Namibia Power Corporation (NamPower)



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5. Namibia University of Science and Technology



6. University of Namibia



7. Namibia Training Authority

