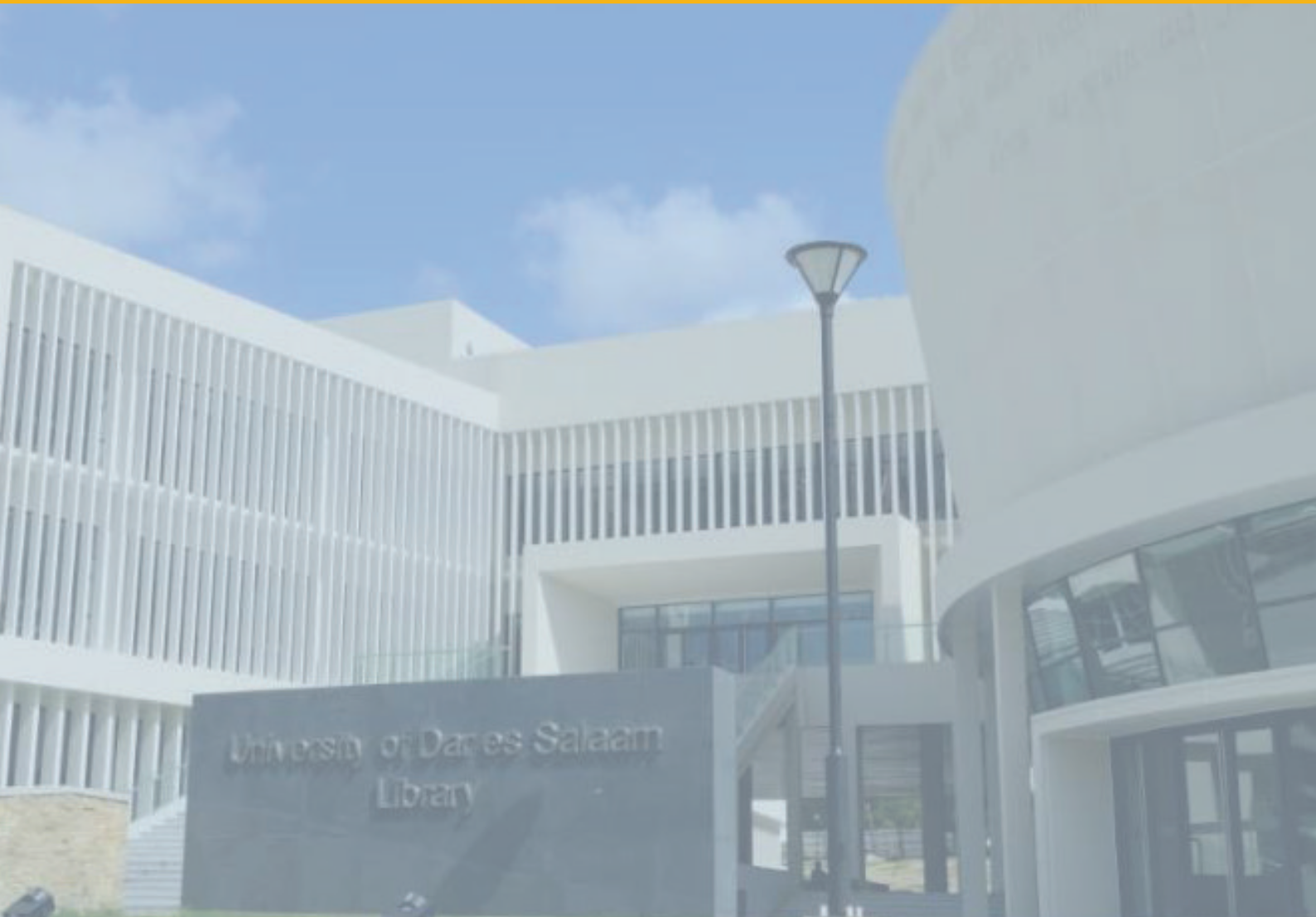




UNIVERSITY OF DAR ES SALAAM



8TH RESEARCH AND INNOVATION WEEK PROGRAMME

Theme: *Impactful Research and Innovation for Socio-economic well-being in Tanzania*

23rd - 25th May 2023

Venue: **UDSM Library**



Prof. Adolf Faustine Mkenda (MP)

Minister of Education, Science and Technology

Guest of Honour - Opening



Prof. Carolyne Ignatius Nombo

Permanent Secretary, Ministry of Education,
Science and Technology

Guest of Honour - Closing



Prof. William A. L. Anangisye
University of Dar es Salaam Vice Chancellor



Prof. Nelson M. K. Boniface
Ag. Deputy Vice Chancellor - Research



INTRODUCTION

Since 2015, the University of Dar es Salaam (UDSM) has been organizing the Research and Innovation Week (RIW) formerly known as Research Week and abbreviated as RW for showcasing competitive research results and innovative products, processes and services. The main drive is to bring together diverse groups of researchers and innovators to share and further scholarly and creative research work and highlight some of their best research outputs and innovations. UDSM RIW events are normally carried out first at Unit level, followed by a University-wide level. During the events, the University community recognises students, faculty, departments, schools, colleges and institutes for their cutting edge scholarly and creative research and innovation activities through a series of discussions, forums, symposia, exhibitions, seminars, workshops, and award ceremonies. In general, the UDSM RIW has succeeded in many ways such as motivating students and staff members of the University to continue with the impetus of searching for competitive knowledge and creative innovations.

Given that the current effort of 6th Government under the leadership of President Dr. Samia Suluhu Hassan to improve the living standards of Tanzanians, this year's RIW focuses on Research and Innovation for Socio-economic well-being. The National Five-Year Development Plan 2021/22–2025/26 is designed to promote socio-economic well-being by setting out strategic goals and priorities for the country's development. At this juncture UDSM continues to stay at the forefront of producing quality research results and ensure that the innovations that come out of research efforts are turned into new processes, products and services. This to contributes to efforts by various sectors and policies that aim to improve the overall living standards and quality of life for Tanzanians.



Keynote Speaker I

Prof. Lettice Kinunda Rutashobya

Professor of Business Administration and Entrepreneurship, UDSM

A PhD Holder in business administration, Prof. Rutashobya rose from Tutorial assistant in 1976 to the rank of full professor in 2000. She served in several positions at the University of Dar es Salaam, including headship of the Department of Marketing (1987-1995), Dean of the Business School (1995-2000), and Director of Postgraduate Studies (2003-2006). She has held visiting positions at Umea University, Sweden, Universities of Antwerp, Belgium, and Augsburg, Germany, and has served/serves in PhD theses committees of Aalborg university, Denmark, University of Leuven, Belgium, University of Helsinki, Finland, University of Cape Town, and The North West, South Africa.

She is a recipient of a number of international and national awards including an Honorary Doctorate (Applied Economics) of the University of Umea, Sweden (2004) for her contribution to business education in Africa, and a Golden award by the University of Dar es Salaam (2012) for initiating entrepreneurship programs and pioneering efforts to acquire infrastructure for the University of Dar es Salaam (1st phase of the UDBS building). She has also supervised more than 10 PhDs at the University.

Apart from her contribution to the University of Dar es Salaam, Prof. Rutashobya's contribution to the industry is well known. She has served as chairperson of boards of several organizations and businesses including the TPB bank (now TCB bank), the Institute of Finance management, (2015-2018, 2003-2009),



Tanzania/Mozambique Centre for Foreign Relations the Advisory Board of the Tanzania Institute of Accountancy, (1996-2002), Chairperson, NACTE's Management and Business Subject Board, 2001-2010, the Ministry of Natural Resources and Tourism's Hunting Blocks Allocation Advisory Committee, (2015-2017). Prof. Rutashobyha has also served as member of several other boards, including the Bank of Tanzania, (1997-2008), SWISSPORT Tanzania, DAWASCO, TBC, amongst others. She currently serves as board member of NCBAT Bank Ltd, and Academic Council of the Maritime Institute.

Internationally, Prof. Rutashobyha has served as Vice President (membership) of the International Academy of African Business and Development (IAABD), a US registered organization (2001-2014), its Executive Secretary (2004-2007), and its Board of Governors (2016-2019). She has consulted widely for a variety of clients including international bodies such as the World Bank, ILO, UNDP, IFAD, NORAD, DFID, etc. Working as a consultant, she has helped build small businesses for women entrepreneurs. In 2006 she served as Co-chair for the development of the National Agricultural Marketing Policy together with the late Prof. Amani. She has also served in several national ministerial task forces on a number of assignments. She currently serves as a member of the Editorial Advisory Board of the EMERALD's African Journal of Economic and Management Studies and the Journal of African Business. She also served as a member of the international board of Advisors for the Regional research program on Innovation and Inclusive Industrialization in Agro-Processing.

Prof. Rutashobyha has authored or co-authored more than 60 scholarly and professional papers in the fields of entrepreneurship, agribusiness and rural entrepreneurship (with gender dimension), female entrepreneurship, and firm internationalization.



Keynote Speaker II

Mr. Michael Ngaleku Shirima

Founder and Chairman, Precision Air

MICHAEL SHIRIMA was born in 1943 in the Rombo district in the Kilimanjaro Region of Tanzania, East Africa. An early turning point in his life occurred when he was sent to primary school at the tender age of five by his education-loving father. His life took another turn as a young teenager when his father died in a bus accident. Already driven to succeed and to be the sort of oldest son his father could be proud of, Shirima took the road less traveled, choosing to study aeronautics in the UK. After graduating, he returned home and took a job with East African Airways. His career in aviation blossomed, and he was later chosen by the Tanzanian government to help to create a national airline in which he was appointed Director of Operations. However, Shirima was once again inspired by his father to go his own way when that appointment proved intractable. He resigned, and-like his father before him-became an entrepreneur, a man with many irons in the fire. With his loving wife Triza supporting him along the way, Shirima learned a great deal about business through his various endeavors. When he returned to aviation, first with crop dusting in 1986 and then with the founding of Tanzania's largest privately held commercial airline, Precision Air in 1993, he brought his hard-earned business savvy to the table. Shirima has applied his problem-solving know-how to other efforts as well: He was once a board member of the Bank of Tanzania, among other government and private institutions, and took great joy in revitalizing the Tanzania Golf Union as its chairman. One of his greatest accomplishments has been the founding of the Cornel Ngaleku Children Centre, named in honor of his father. The orphanage sits at the foot of Mt. Kilimanjaro and opened its doors in 2006. Shirima subsequently built the Maktau Mountain Lodge, which helps to fund.



Moderator:
Dr. Remidius Ruhinduka,
Lecturer,
School of Economics



Strategic Partnership Dialogue

Theme: *Improving Quality of Life and Socio-economic Well-being in Tanzania: Partners Perspective*



Panelist 1:
Education and Human Capital Development
Mr. Aidan Eyakuze,
Executive Director,
Twaweza East Africa

He is the Executive Director of Twaweza East Africa. Twaweza works to enable children to learn, citizens to exercise agency, and governments to be more open and responsive in Tanzania, Kenya, and Uganda. In May 2016, Aidan joined the OGP Steering Committee as a civil society member. Aidan served as the civil society co-chair for 2021-2022. In June 2017, he was appointed to the Board of the Global Partnership for Sustainable Development Data (GPSDD). Before joining Twaweza, Aidan was Associate Regional Director of the Society for International Development (SID) and Head of the SID Tanzania office. He has 15 years of experience as a scenario practitioner, through participation in national scenario-building projects in Kenya (2000 & 2010), Tanzania (2003), South Africa (2004), Nigeria (2007) and East Africa (2005-2008). He co-lead the publication of the State of East Africa Reports and facilitated futures thinking for private sector, civil society and public organisations. Aidan is an Archbishop Desmond Tutu Leadership Fellow and a Board Member of the African Leadership Institute (South Africa). He is also a member of the Aspen Global Leadership Network (AGLN) and served on the Governing Board of the Millennium Challenge Account (Tanzania) until August 2014. He maintains a keen intellectual and professional interest in economic policy, financial markets and trends in information and communications technologies and their impact on society.



Panelist 2:
***Environmental Sustainability and Natural
Resource Management***

Prof. Joel Nobert,
Associate Professor, IRA

Prof Joel Nobert is Associate Professor and Director of the Institute of Resource Assessment, University of Dar es Salaam. He is trained as Water Resources Engineer at the University of Dar es Salaam and Yokohama National University, Japan, and has specialized in hydrology and integrated Water Resources Management. He has conducted various studies in the area of water Resources Management and hydrological modelling. He developed a water allocation model for the Kagera river basin, which is a transboundary river with Uganda, Rwanda and Burundi, the project under Nile Equatorial Lakes Subsidiary Action Program (NELSAP). He is currently leading the team in the development of Integrated Water Resources Management and Development Plan (IWRMDP) for Lake Victoria basin. He has participated in the development of Integrated Water Resources Management and Development Plan for the internal drainage basin in Tanzania as an expert in Water Resources Modelling and DSS component, which is a World Bank funded project under the Ministry of Water. He was also in the team of experts of the Ministry of Water to guide the Transboundary Water Allocation (WAP) for the Mara River basin. Prof. Joel is in the team doing the Environmental and Social Impact Assessment (ESIA) for the Standard Gauge Railway (SGR) project as water resources expert for Lot 3, 4 and 5 (Makutupora-Tabora, Tabora- Isaka, and Isaka-Mwanza)



Panelist 3:

Health and well-being

Dr. Frida Ngalesoni,

*Director of Research, Monitoring, Evaluation
and Learning, Amref Health Africa*

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Dr. Ngalesoni is a public health specialist and medical doctor with experience in working both in the Tanzania health care system and global health matters particularly in health system strengthening and policy analysis. Her research experience has been based mainly in the evaluation of health care services, equity, financing and other policy-related studies.

Currently, she is leading the Research, Monitoring, Evaluation and Learning portfolio overseeing 25 projects. In that capacity, she is responsible for technical backstopping in the monitoring and evaluation systems in Amref areas of operations, program and strategy, leads all project evaluations, designing and implementation of implementation researches and identification, analysis and packaging of strategic information from Amref interventions. She is also the Global Burden of Disease (GBD) collaborator for Tanzania in the University of Washington from which she is engaged in scientific efforts to quantify Global Burden of Diseases and an adjunct lecturer with the Muhimbili University of Health and Allied Sciences (MUHAS).



Panelist 4:

*Gender equality and
social-economic well-being*

Hon. Hodan Addou,

Country Representative, UN Women

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Hodan Addou is the UN Women Representative to Tanzania since April 2018. She has over 25 years of experience in promoting gender equality and women's empowerment. Prior to Tanzania, she served as the Country Representative in Uganda, Zimbabwe and in Sudan. She also held senior policy advisor, country and regional program coordination positions in East, Central and Southern Africa as well as at Headquarters in New York.



Moderator:
Dr. Hezron Makundi,
Lecturer,
Institute of Development Studies



Symposium

Theme: *Strengthening Research and Innovation Ecosystem for Key Sector-specific Priorities in Tanzania*



Panelist 1:
Research and Innovation in Information and Communication Technologies

Dr. Mercy Mbise,
Lecturer, CoICT



Panelist 2:
Research and Innovation in Aquatic and Marine Science Development

Dr. Francis Mmanda,
Lecturer, IMS



Panelist 3:
Research and Innovation in Political and Socio-economic Development

Dr. Victoria Makulilo,
Lecturer, CoSS



Panelist 4:
Research and Innovation in Human History, Culture and Heritage

Dr. Elgidius Ichumbaki,
Senior Lecturer, CoHU



Panelist 5:
Research and Innovation in Environment and Climate Change Adaptation

Dr. Edmund Mabhuye,
Lecturer, IRA



DAY 1 TUESDAY, 23rd May 2023 - Opening Ceremony

Event	Responsible
Registration	Secretariat
Announcements	Director of Ceremony
Arrival of Guest of Honour, Visiting Pavilions by Guest of Honour and Invited Guests	UDSM Management
National Anthem and University Song	University Choir
Introductory Remarks and Overview of Research and Innovation activities at UDSM	Prof. Nelson Boniface, Ag. Deputy Vice Chancellor - Research
Welcoming Remarks	Prof. William A.L Anangisye, Vice Chancellor
Inviting Prof. Bonaventure Rutinwa, Deputy Vice Chancellor-Academic to recite biographies of Keynote Speakers	Director of Ceremony
Keynote Speaker 1: Topic: <i>Entrepreneurship and Socio-economic Development in Tanzania: The Empirical Evidence from Research and Innovation</i> Prof. Lettice Kinunda Rutashobya, <i>Professor of Business Administration and Entrepreneurship, UDSM</i>	Director of Ceremony
Keynote Speaker 2: Topic: <i>Industry – Academia Linkages for Sustainable Development in Tanzania</i> Mr. Michael Ngaleku Shirima, <i>Founder and Chairman, Precision Air</i>	
Entertainment	University Choir
Inviting the Guest of Honour to Deliver Opening Speech	Prof. William A.L Anangisye, Vice Chancellor
Opening Speech and Launching the 8th UDSM Research and Innovation Week	Hon. Prof. Adolf Faustine Mkenda (MP) Minister of Education, Science and Technology
Group Photo	UDSM Photographer
Exhibitions	All Participants

END OF DAY I

08:00 - 09:00

09:00 - 09:05

09:05 - 09:30

09:30 - 09:35

09:35 - 09:50

09:50 - 10:00

10:00 - 10:05

10:05 - 10:20

10:20 - 10:35

10:35 - 10:40

10:40 - 11:00

11:00 - 11:30

11:30 - 11:45

11:45 - 16:30



DAY 2

WEDNESDAY, 24th May 2023

Event

Responsible

08:00 - 08:30

Exhibitions

All participants

08:30 - 09:00

Registration

Secretariat

Introducing the Strategic Partnership Dialogue
– *Improving Quality of Life and Socio-economic Well-being in Tanzania: Partners Perspective*

Director of Ceremony

Welcoming Remarks

Prof. Nelson Boniface,
Ag. Deputy Vice Chancellor
-Research

A Word from the VC

Prof. William A.L.
Anangisye,
Vice Chancellor

09:00 - 09:30

09:30 - 09:40

Entertainment

University Choir

Panel Discussion

Panelist 1:

Education and Human Capital Development

Mr. Aidan Eyakuze,

Executive Director, Twaweza East Africa

Panelist 2:

Environmental Sustainability and Natural Resource Management

Prof. Joel Nobert,

Associate Professor, IRA

Panelist 3:

Health and well-being

Dr. Frida Ngalesoni,

Director of Research, Monitoring, Evaluation and Learning, Amref Health Africa

Panelist 4:

Gender equality and social-economic well-being

Hon. Hodan Addou,

Country Representative, UN Women

Moderator:

Dr. Remidius Ruhinduka,
Lecturer -
School of Economics

09:40 - 12:40

12:40 - 13:20

Discussion and Wrap up



DAY 2

WEDNESDAY, 24th May 2023

Event

Responsible

Vote of Thanks

Prof. Bernadeta Killian,
Deputy Vice Chancellor
-Planning, Finance
and Administration

13:20 - 13:30

Lunch

Director of Ceremony

13:30 - 14:00

Introducing the Symposium

Theme: *Strengthening Research and Innovation Ecosystem for Key Sector-specific Priorities in Tanzania*

Panel Discussion

Panelist 1:

Research and Innovation in Information and Communication Technologies

Dr. Mercy Mbise, Lecturer, CoICT

Panelist 2:

Research and Innovation in Aquatic and Marine Science Development

Dr. Francis Mmanda, Lecturer, IMS

Panelist 3:

Research and Innovation in Political and Socio-economic Development

Dr. Victoria Makulilo, Lecturer, CoSS

Panelist 4:

Research and Innovation in Human History, Culture and Heritage

Dr. Elgidius Ichumbaki,
Senior Lecturer, CoHU

Panelist 5:

Research and Innovation in Environment and Climate Change Adaptation

Dr. Edmund Mabhuye, Lecturer, IRA

Moderator:
Dr. Hezron Makundi,
Lecturer-institute of
Development Studies

14:00 - 15:30

15:30 - 16:30

Discussion and Wrap up

16:30 - 16:35

Group Photo

UDSM Photographer

END OF DAY 2



DAY 3 THURSDAY, 25th May 2023

Event	Responsible
Registration	Secretariat
Exhibitions	All participants
Announcements	Director of Ceremony
Arrival of Guest of Honour	Prof. Carolyne Ignatius Nombo, Permanent Secretary, Ministry of Education, Science and Technology
Overview of Exhibitions and Awards	Prof. Nelson Boniface, Ag. Deputy Vice Chancellor – Research
Welcoming Remarks	Prof. William A.L. Anangisye, Vice Chancellor
Closing Speech	Guest of Honour
Presentation of Awards on selected Innovation, Research and Outreach Projects	Guest of Honour
Entertainment	University Choir
Vote of Thanks	Dr. Mussa Mgwatu, Director of Research and Publication
Group Photo with Guest of Honour	UDSM Photographer

END OF DAY 3



Hekima ni Uhuru

University of Dar es Salaam
Mwalimu Julius Nyerere Mlimani Campus
P.O. Box 35091
Dar es Salaam
Tanzania
www.udsm.ac.tz