



The Sixth African Higher Education Week RUFORUM Biennial Conference 2018

22 - 26 October, 2018 | KICC - Kenya

Theme: Aligning African Universities to Accelerate
Attainment of Africa's Agenda 2063



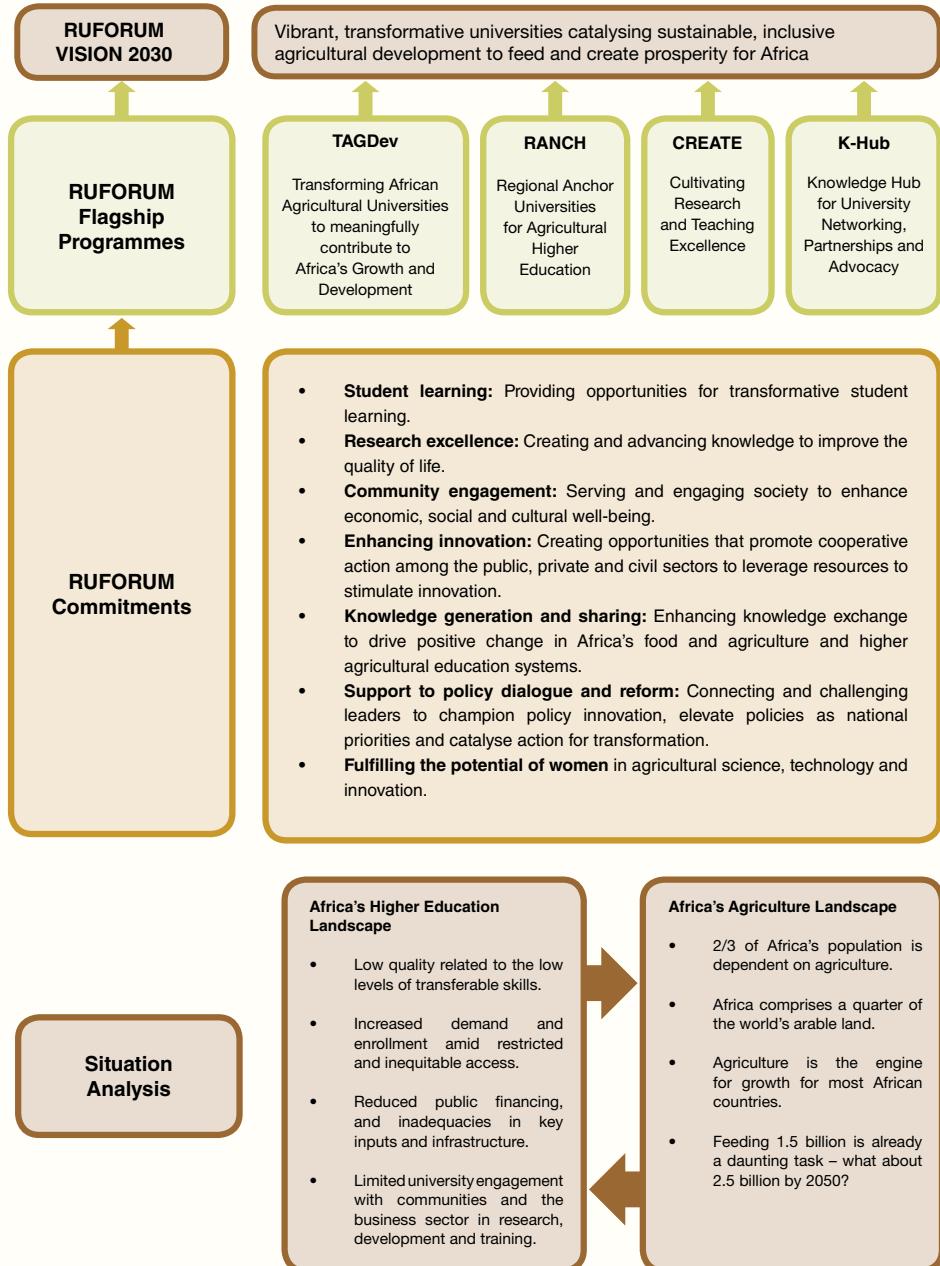


Our Motivation

Our Motivation, further reinforced by the Science Agenda for Agriculture in Africa

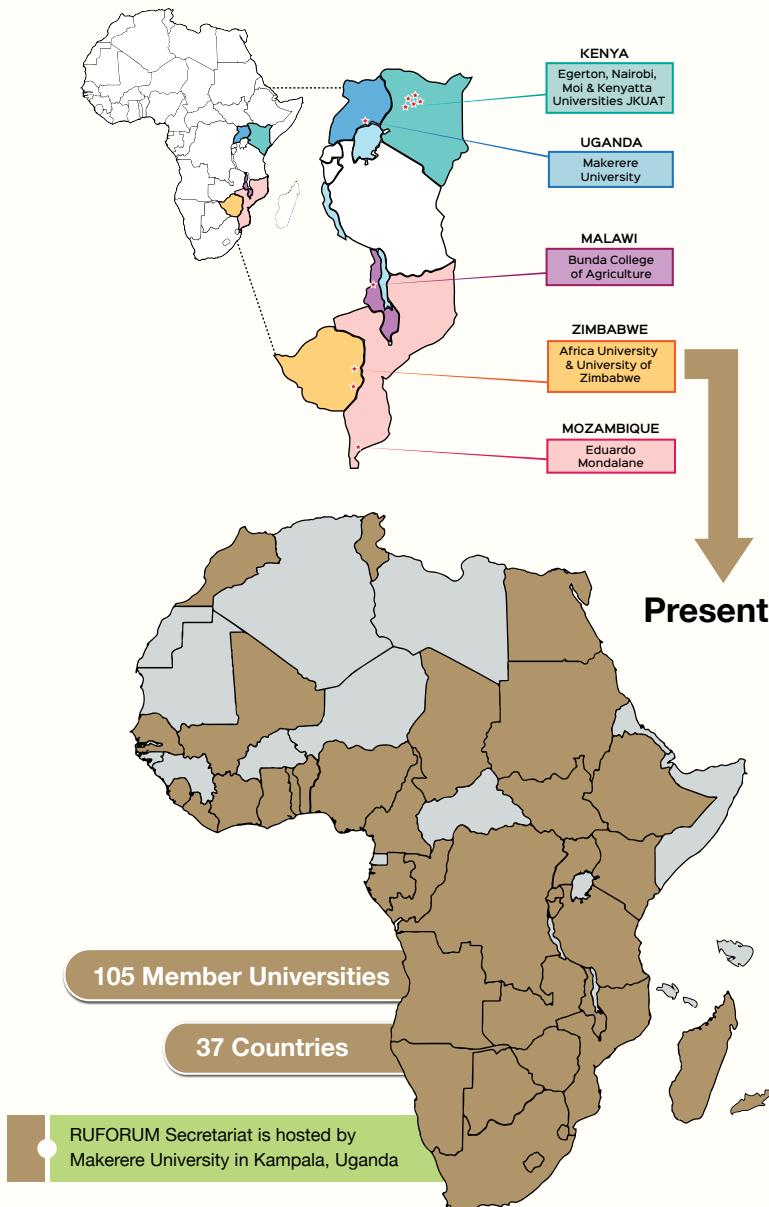
"Transforming agriculture in Africa requires innovative scientific research, educational and training approaches. The education sector needs to be more connected to the new challenges facing rural communities and needs to build capacity of young people to be part of the transformation of the agricultural sector"

RUFORUM VISION 2030 AT A GLANCE



Expansion has been in Scope, Countries and within Countries

Phased Expansion 1992 - 2018



RUFORUM Biennial Conferences

The African Higher Education Week

Strengthening African Higher Education to contribute to development

900 Participants Expected to Attend

6th Biennial Conference to be held in Nairobi, Kenya

Dates: 22nd – 26th October, 2018

Hosts: RUFORUM Member Universities in Kenya

Theme: Aligning African Universities to Accelerate Attainment of Africa's Agenda 2063

What is expected: Endorsement of the RUFORUM Charter, AHESTI (Vision 2030) and BASIC by African Ministers

Over 850 participants from 73 countries attended

5th Biennial Conference to be held in Cape Town, South Africa

Dates: 17th – 21st October, 2016

Host: RUFORUM Member Universities in South Africa

Theme: Linking Agricultural Universities with Civil Society, the Private Sector, Governments and other Stakeholders in support of Agricultural Development in Africa

What to expect: Enhancing university engagement with Private Sector, Civil Society and CGIAR

Outcomes:

- Launch of the African Young Entrepreneurs Initiative to recognize innovation in Africa
- African Ministers launch a plan to strengthen Higher Agricultural Education in Africa

280 Participants from 22 Countries

1st Biennial Conference held in Mangochi, Malawi

Dates: 23rd - 27th April, 2007

Host: University of Malawi

Theme: Building Scientific and Technical Capacity through Graduate Training and Agricultural Research in African Universities

Outcomes:

- Bringing Bill & Melinda Gates Foundation (BMGF) support to African Higher Education in Agriculture

670 Participants from 45 Countries

4th Biennial Conference held in Maputo, Mozambique

Dates: 19th - 25th July, 2014

Host: Eduardo Mondlane University

Theme: Transforming Tertiary Agricultural Education A Platform for the Way Forward

Outcomes:

- Linking Universities to policy at African Union Commission (AUC) level
- Launch of RUFORUM Graduate Teaching Assistantship Programme (GTA)

600 Participants from 48 Countries

3rd Biennial Conference held in Entebbe, Uganda

Dates: 24th - 28th September, 2012

Host: Makerere University

Theme: Partnerships and Networking for Strengthening Agricultural Innovation and Higher Education in Africa

Outcomes:

- Engaging with MasterCard Foundation to support undergraduate and MSc training in African Universities

380 Participants from 25 Countries

2nd Biennial Conference held in Entebbe, Uganda

Dates: 20th - 24th September, 2010

Host: Makerere University

Theme: Building Capacity for Food Security in Africa

Outcomes:

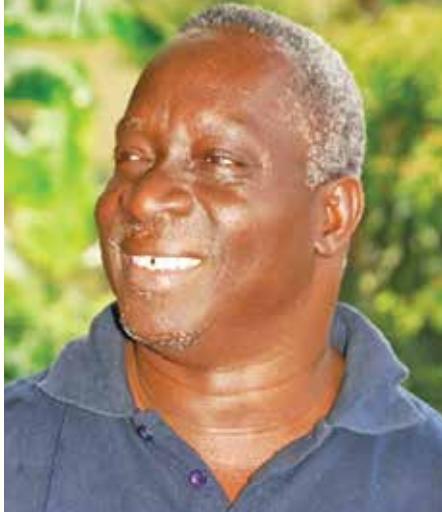
- Integrating universities within the National Agricultural Innovation Systems

Biennial 2018 Message from RUFORUM Executive Secretary

Africa is writ with perspectives that reflect the continent as nascent in higher education. In reality, higher education has a history of 2,350 years in the continent. In the last two decades, enrollment dramatically increased by 170% between 1999 and 2002; numerically rising from 3.53 million to 9.54 million in 2012. These dramatic increases in enrollment in higher education was not matched with the human and infrastructural capacities in many African universities. Between 1992 and 2003, the Rockefeller Foundation noticed this gap in sub-Saharan Africa and supported a regional initiative "Forum on Agriculture Resource Husbandry-FORUM" involving 10 universities in five countries (Kenya, Malawi, Mozambique, Uganda and Zimbabwe). Through this initiative 250 graduate fellows were trained that later boosted the staffing capacity in the 10 universities.

Following successful implementation and the closure of the FORUM project, the Vice Chancellors of the 10 African Universities created the Regional Universities Forum for Capacity Building in Agriculture (RUFORUM) as a platform for fostering integration of African Universities into the national agricultural innovation systems, providing a platform for training quality graduates to support development processes in Africa; rationalising resource use and enhancing economies of scale and scope; and, providing a platform for networking, resource mobilization and advocacy for Higher Agricultural Education in Africa. From the outset, RUFORUM was created with a focus to support transformation of agricultural universities as well as support agricultural development, Science, Technology and Innovation ecosystem in Africa.

Over the last 15 years of operations, RUFORUM has grown to a Pan-African institution of 105 member universities in 37 African countries. During the Annual General Meeting (AGM) in 2017 in Malawi, the AGM declaration led to the development of the "RUFORUM Vision 2030 Strategy: The African Universities' Agenda for Agricultural Higher Education, Science, Technology and Innovation (AHESTI)". The AHESTI is focused on realising vibrant transformative universities to catalyse sustainable inclusive agricultural development to feed and create prosperity for Africa. This vision reflects future growth perspectives and investment priorities for individual, institutional and community transformation in Africa with a view of increasing linkages in the continent and globally within



the higher education, science, technology and innovation ecosystem. From inception, RUFORUM has paid great attention to the partnership brokerage, mentorship and information dissemination. The African Higher Education Week and RUFORUM Biennial Conference has been the main mechanism for realising this deliberate effort. The Biennial convening has emerged as an aggregator platform that confers opportunities to bring a cross-section of stakeholders in agricultural development, higher education and science, technology and innovation.

Through the Biennial convening, students, policy makers and decision leaders, business leaders and development partners come together to share lessons, experience and design relevant agendas. The Biennial conference now at its sixth convening has grown from 250 participants in 2003, to an expected 1000 participants at its forthcoming sixth convening this October in Nairobi, Kenya.

This Sixth Africa Higher Education Week and Biennial Conference will be held under the theme "Aligning African Universities to Accelerate Attainment of Africa's Agenda 2063". The conference responds to the continental growth and development trajectory and brings together a high level delegation through two Ministerial meetings at the eve of the convening of the Committee of Ten African Heads of State Championing Education, Science, Technology and Innovation summit due to be held in Malawi in November, 2018. The deliberations of this Sixth Biennial Convening will immensely contribute in shaping transformational efforts of universities, strengthen the espoused linkage between universities, policy and the private sector and catalyse appreciation of the centrality of youth and human capital development in Africa's development and prosperity.

**Prof. Adipala Ekwamu
Executive Secretary**

Message du Secrétaire Exécutif de RUFORUM pour la Conférence Biannuelle 2018

L'Afrique présente des perspectives qui reflètent un continent encore embryonnaire en matière d'enseignement supérieur. En réalité, l'enseignement supérieur a une histoire qui date de 2350 ans sur le continent. Au cours des deux dernières décennies, les taux d'inscription ont considérablement augmenté de 170%, entre 1999 et 2002; et en termes numériques de 3,53 millions à 9,54 millions en 2012. Ces augmentations spectaculaires sont en déphasage avec les capacités en ressources humaines et infrastructures dans beaucoup d'universités africaines. Entre 1992 et 2003, la Fondation Rockefeller, sur la base de ces constats, spécialement en Afrique subsaharienne, a soutenu une initiative régionale «Forum sur la production des ressources agricoles», regroupant 10 universités de cinq pays (Kenya, Malawi, Mozambique, Ouganda et Zimbabwe). A travers cette initiative, 250 diplômés ont été formés, ce qui a, par la suite, accru la capacité en matière de personnel dans ces 10 universités.

Suite à la réussite du projet FORUM, qui a pris fin vers 2004, les recteurs des 10 universités africaines ont créé le Forum Régional des Universités pour le renforcement des capacités en agriculture (RUFORUM), comme étant une plateforme pour favoriser (i) l'intégration des universités africaines dans les systèmes nationaux d'innovation agricole, (ii) la formation de diplômés de qualité pour soutenir les processus de développement en Afrique ; (iii) l'utilisation optimale des ressources et amélioration des économies; et (iv) le réseautage, la mobilisation de ressources et les politiques pour l'enseignement supérieur agricole en Afrique. A l'origine, RUFORUM a été créé dans le but d'appuyer la transformation des universités agricoles, et soutenir le développement agricole, la science, la technologie et l'innovation en Afrique.

Au cours des 15 dernières années, RUFORUM est devenu une institution panafricaine de 105 universités membres réparties dans 37 pays africains. Au cours de l'Assemblée Générale Annuelle (AGA) de 2017 au Malawi, les déclarations ont conduit à l'élaboration de la «Stratégie de la Vision 2030 du RUFORUM: L'Agenda des Universités africaines pour l'enseignement supérieur en agriculture, la science, la technologie et de l'innovation (AHESTI)». A travers cette stratégie, RUFORUM vise la possibilité d'avoir des universités dynamiques et transformatrices capables de favoriser un développement agricole inclusif et durable pour nourrir et créer de la prospérité

pour l'Afrique. Cette vision reflète les perspectives de croissance et les priorités d'investissement futures pour la transformation au niveau individuel, institutionnel et communautaire en Afrique, avec perspectives d'amplifier les liens sur le continent et aussi globalement, dans le contexte de l'enseignement supérieur, la science, la technologie et l'innovation.

Depuis sa création, RUFORUM a un intérêt particulier pour le partenariat, mentorat et diffusion d'informations. La Semaine de l'Enseignement Supérieur en Afrique et la Conférence Biannuelle de RUFORUM ont constitué un mécanisme important permettant de réaliser ces efforts. La Conférence Biannuelle est devenue une plate-forme de rencontre et de réunion pour un échantillon représentatif d'acteurs du développement agricole, de l'enseignement supérieur et de la science, de la technologie et de l'innovation. Par cette Conférence Biannuelle, les étudiants, les décideurs et leaders politiques, les chefs d'entreprise et partenaires au développement se rencontrent pour mutualiser les connaissances/leçons, expériences, mais aussi pour élaborer des programmes pertinents.

La conférence, qui en est aujourd'hui à sa sixième édition, est passée de 250 participants en 2003 à un millier de participants attendus pour l'édition de cette année prévue pour Octobre à Nairobi au Kenya. La Sixième Semaine de l'Enseignement Supérieur en Afrique et la Conférence Biannuelle se tiendront sur le thème «Positionner les universités africaines pour faciliter la réalisation de l'agenda 2063 de l'Afrique». La conférence répond à la dynamique de croissance et de développement du continent, et réunit des délégations de haut niveau à travers deux réunions ministrielles, en prélude au sommet du Comité des dix chefs d'État africains soutenant l'éducation, la science, la technologie et l'innovation, et qui se tiendra au Malawi en Novembre 2018. Les délibérations de cette Sixième Conférence Biannuelle contribueront énormément à orienter les efforts pour la transformation des universités, renforcer les liens entre universités, les politiques et le secteur privé, et permettront d'apprécier la centralité de la jeunesse et du développement du capital humain dans le développement de l'Afrique et sa prospérité.

**Prof. Adipala Ekwamu
Executive Secretary**

African Higher Education Week & Sixth RUFORUM Biennial Conference 22 - 26 October, 2018



This year our focus is on “Aligning African Universities to accelerate attainment of Africa’s Agenda 2063”. We recognise the important role that education can play in providing opportunities for the rural poor and particularly for agricultural transformation. But African universities cannot do it alone.

For a long time, African universities were perceived as Ivory Towers, who were preoccupied with their own academic pursuits and their work and outputs did not reflect in the communities around them. I am pleased to inform you that this is the key focus of the Vice Chancellors platform, the Regional Universities Forum for Capacity Building in Agriculture (RUFORUM) whose main aim is to ensure focus of agricultural universities in Africa towards agricultural transformation.

RUFORUM is an African owned network of 85 Vice Chancellors who are volunteering to work together to catalyse agricultural led, knowledge driven transformation in Africa. We have chosen agriculture, because we recognise the important role that agriculture plays in African economies.

In addition to contributing over one quarter of GDP in most countries, agriculture is the main employer of our people. Agriculture will be critical to nourishing the projected 2.5 billion people on the African continent by 2050, which will represent over ¼ of the world populations. Importantly with a young population needing jobs and livelihoods, agriculture offers potential for sustainable job creation- this issue is most certainly in the minds of our political leaders.

In an increasingly knowledge-based economy, African universities will have to play a central role in the needed transformation and we must act quickly. This is very much in line with RUFORUM’s vision for “Vibrant, transformative universities catalysing sustainable, inclusive agricultural development to feed and create prosperity for Africa”.

The African Higher Education and RUFORUM Biennial Conferences are important events in the RUFORUM calendar and indeed for the entire continent. The event allows African universities to come together with you and other key stakeholders to provide an accountability of the work that we are doing, by sharing some of the scientific research being undertaken by its staff, students and partners. We also use the opportunity to share our lessons and experience both with each other, but importantly with key partners from across the globe.

This year our focus is on "Aligning African Universities to accelerate attainment of Africa's Agenda 2063". We recognise the important role that education can play in providing opportunities for the rural poor and particularly for agricultural transformation. But African universities cannot do it alone. For many years we have worked closely with the European and American universities and knowledge institutions to build new 'benchmarked' masters and PhD programs that rely on sharing available staffing and infrastructure to build the needed staff capacity for our institutions. We most sincerely thank our long-term partners such as Agrinatura, and the Association for Public and Land Grant universities for this support.

But we also need to widen our learning. In this Biennial Conference, we will look out further east and share lessons with new partners from China, Japan and the Republic of Korea, who will demonstrate how they have been able to move from agriculture based economies built on small holder farmers to industrial giants. These platforms are important for Vice Chancellors who will be able to glean knowledge on how to drive internal changes within their own institutions and lobby for the needed support from their governments.

Looking ahead we recognise the importance of two critical partners for African universities: the private sector and African governments. We have organised several specific events to support the greater engagement of both the private sector and governments.

Over fifteen governments, represented by a minister for agricultural, science technology and innovation have confirmed participation and we hope to have detailed discussions about how to develop a compact between the RUFORUM network and African governments to

deliver on their agenda and contribute more significantly to the sustainable development goals 2030 and the African Union Agenda 2063.

We hope to have dialogue between vice chancellors, ministers, and the African Union Commission but also to allow ministers to strengthen regional cooperation in science, technology and innovation in Africa. The World Intellectual Property Organisation together with RUFORUM are organising a special training for universities prior to the Biennial to empower universities to access the potential of knowledge for economic transformation through better use of intellectual property management to incentive knowledge production and translation.

I warmly welcome you to Nairobi and hope that we will firm the needed direction and partnership for the needed higher education transformation to drive change in Africa.

Prof. Mabel Imbuga

Board Chair

Regional Universities Forum for Capacity Building in Agriculture (RUFORUM)

Sixième Semaine de l'Enseignement Supérieur en Afrique, et la Conférence Biannuelle de RUFORUM

22 - 26 Octobre, 2018

En 2014, le Forum régional des universités pour le renforcement des capacités en agriculture (RUFORUM) a signé un accord de coopération avec la Commission de l'Union africaine pour soutenir la mise en œuvre de la Stratégie pour la science, la technologie et l'innovation en Afrique (STISA), et en particulier la priorité 1 sur l'éradication de la faim, et l'amélioration de la sécurité alimentaire et nutritionnelle.

Pendant longtemps, les universités africaines ont été perçues comme des tours d'ivoire, plutôt préoccupées par des activités, dont les efforts et résultats ne profitent pas aux communautés. J'ai le plaisir de vous informer que cette perception représente un élément clé de la plate-forme des recteurs, le Forum régional des universités pour le renforcement des capacités en agriculture (RUFORUM), dont l'objectif principal est d'assurer que les universités agricoles en Afrique se focalisent plus sur la transformation agricole.

RUFORUM est un réseau africain de 85 recteurs qui travaillent ensemble pour permettre une transformation fondée sur le savoir et l'agriculture en Afrique. Nous reconnaissons que l'agriculture joue un rôle important dans les économies africaines.

En plus de contribuer à plus du quart du PIB dans la plupart des pays, l'agriculture est le principal employeur de notre population. L'agriculture sera très importante pour nourrir les 2,5 milliards d'habitants prévus sur le continent africain d'ici 2050, soit plus du quart de la population mondiale. L'agriculture représente une source de création d'emplois durables – une réalité dont sont bien conscients nos dirigeants politiques.

Dans une économie de plus en plus fondée sur le savoir, les universités africaines devront jouer un rôle central dans la transformation nécessaire, et l'urgence est d'agir rapidement.

Nous saisissons également cette opportunité pour partager les expériences et leçons, mais surtout avec des partenaires clés du monde. Cette année, le thème de la conférence est «Positionner les universités africaines pour accélérer la réalisation de l'Agenda 2063 de l'Afrique». En effet, nous reconnaissons le rôle important que l'éducation peut jouer pour offrir des possibilités aux communautés rurales pauvres et en particulier à la transformation de l'agriculture. Mais les universités africaines ne peuvent y arriver seules.

Ceci est en ligne avec la vision de RUFORUM qui aspire à avoir «Des universités dynamiques et transformatrices, capables de catalyser le développement agricole durable et inclusif pour nourrir et créer de la prospérité en Afrique». Les conférences biennuelles de RUFORUM représentent des événements importants du calendrier du RUFORUM et du continent. Ces événements permettent aux universités africaines de se réunir avec vous et d'autres parties prenantes pour examiner les progrès, et partager les connaissances, en matière de recherches scientifiques.

Nous saisissons également cette opportunité pour partager les expériences et leçons, mais surtout avec des partenaires clés du monde.

Cette année, le thème de la conférence est «Positionner les universités africaines pour accélérer la réalisation de l'Agenda 2063 de l'Afrique». En effet, nous reconnaissions le rôle important que l'éducation peut jouer pour offrir des possibilités aux communautés rurales pauvres et en particulier à la transformation de l'agriculture. Mais les universités africaines ne peuvent y arriver seules.

Pendant de nombreuses années, nous avons travaillé en étroite collaboration avec les universités et les instituts européens et américains pour mettre en place de nouveaux programmes de maîtrise et de doctorat «référencés» basé sur la mobilité du personnel et les infrastructures disponibles pour renforcer les capacités en personnel de nos établissements.

Nous remercions très sincèrement nos partenaires de longue date, tels qu'Agrinatura, et « l'Association for Public and Land Grant Universities » pour ce soutien. Mais nous devons aussi aller au-delà de notre apprentissage. Au cours de cette conférence biennale, nous nous tournerons vers l'est et partagerons des leçons avec de nouveaux partenaires de la Chine, du Japon et de la République de Corée, qui montreront comment ils ont réussi à passer des économies basées sur de petites exploitations agricoles à de géants industriels.

Ces plates-formes sont importantes pour les recteurs, qui seront en mesure d'acquérir des connaissances sur comment conduire des changements internes au sein de leurs propres institutions et de faire le lobbying pour le soutien nécessaire de leurs gouvernements.

Pour l'avenir, nous reconnaissions l'importance de deux partenaires essentiels pour les universités africaines: le secteur privé et les gouvernements africains. Nous avons organisé plusieurs événements pour plus d'engagement du secteur privé et des gouvernements.

Plus de quinze gouvernements, représentés par des ministres de l'agriculture, des sciences, de la technologie et de l'innovation, ont confirmé leur participation et nous espérons avoir des discussions approfondies sur le renforcement de lien entre le réseau RUFORUM et les gouvernements africains pour contribuer de manière plus significative à la réalisation des ODDs et l'agenda 2063 de l'Union africaine.

Nous espérons dialoguer entre les recteurs, les ministres et la Commission de l'Union africaine, mais aussi permettre aux ministres de renforcer la coopération régionale dans les domaines de la science, de la technologie et de l'innovation en Afrique.

L'Organisation Mondiale de la Propriété Intellectuelle et RUFORUM organisent une formation spéciale pour les universités en marge à la conférence biennale, pour permettre une meilleure utilisation de la propriété intellectuelle pour encourager la production et la traduction des connaissances.

Je vous souhaite la bienvenue à Nairobi et j'espère que nous concrétiserons les directives et partenariat nécessaires pour la transformation de l'enseignement supérieur et le changement en Afrique.

Prof. Mabel Imbuga

Présidente du Conseil d'Administration

Forum régional des universités pour le renforcement des capacités en agriculture (RUFORUM)



The Sixth African Higher Education Week and RUFORUM Biennial Conference 2018

Theme: Aligning African Universities to Accelerate Attainment of Africa's Agenda 2063

Venue: Kenyatta International Conference Centre (KICC), Nairobi Kenya

Dates: 22 - 26 October 2018

PROGRAMME

TUESDAY 16 OCTOBER, 2018	
MORNING SESSIONS AND SIDE EVENTS / 8:30 - 10:30	VENUE
<ul style="list-style-type: none">Leadership Training for Postdoc Students	AICAD – Jomo Kenyatta University of Science and Technology (JKUAT)
BREAK	
MID-MORNING SESSIONS AND SIDE EVENTS / 11:00 - 13:00	VENUE
<ul style="list-style-type: none">Leadership Training for Postdoc Students	AICAD – Jomo Kenyatta University of Science and Technology (JKUAT)
LUNCH BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00	VENUE
<ul style="list-style-type: none">Leadership Training for Postdoc Students	AICAD – Jomo Kenyatta University of Science and Technology (JKUAT)
BREAK	
EVENING SESSIONS AND EVENTS / 19:00 - 21:00	VENUE
<ul style="list-style-type: none">Open Space	

WEDNESDAY 17 OCTOBER, 2018

MORNING SESSIONS AND SIDE EVENTS / 8:30 - 10:30	VENUE
BREAK	
MID-MORNING SESSIONS AND SIDE EVENTS / 11:00 - 13:00	VENUE
<ul style="list-style-type: none"> • Local organising Committee (LOC) and RUFORUM staff meeting 	University of Nairobi, New Council Chambers, 19th Floor
LUNCH BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00	VENUE
<ul style="list-style-type: none"> • RUFORUM Secretariat Meeting 	Nairobi Safari Club, Longonot
BREAK	
EVENING SESSIONS AND EVENTS / 19:00 - 21:00	VENUE
<ul style="list-style-type: none"> • Open Space 	

THURSDAY 18 OCTOBER, 2018

MORNING SESSIONS AND SIDE EVENTS / 8:30 - 10:30	VENUE
<ul style="list-style-type: none"> • Arrival of Principals and Deans 	Hilton Hotel
BREAK	
MID-MORNING SESSIONS AND SIDE EVENTS / 11:00 - 13:00	VENUE
<ul style="list-style-type: none"> • Arrival of Principals and Deans 	Hilton Hotel
LUNCH BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00	VENUE
<ul style="list-style-type: none"> • EU-Principals and Deans Consultation 	Hilton Hotel Ball Room
BREAK	
EVENING SESSIONS AND EVENTS / 19:00 - 21:00	VENUE
<ul style="list-style-type: none"> • Principals and Deans Interactive meeting with EU and RUFORUM Secretariat staff 	Hilton Hotel Ball Room



FRIDAY 19 OCTOBER, 2018

MORNING SESSIONS AND SIDE EVENTS / 8:30 - 10:30	VENUE
• IPR – WIPO Training for Principals and Deans	LAICO Hotel
• DAMA Meeting	Nairobi Safari Club, Elgon Hall
BREAK	
MID-MORNING SESSIONS AND SIDE EVENTS / 11:00 - 13:00	VENUE
• IPR – WIPO Training for Principals and Deans	LAICO Hotel
• DAMA Meeting	Nairobi Safari Club, Elgon Hall
LUNCH BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00	VENUE
• IPR – WIPO Training for Principals and Deans	LAICO Hotel
• DAMA Meeting	Nairobi Safari Club, Elgon Hall
• Nurturing Grants - DAAD Students Event	After 40 Hotel
BREAK	
EVENING SESSIONS AND EVENTS / 19:00 - 21:00	VENUE
• CARP Principal Investigators Meeting	Nairobi Safari Club
• Nurturing Grants - DAAD Students Event	After 40 Hotel

SATURDAY 20 OCTOBER, 2018

MORNING SESSIONS AND SIDE EVENTS / 8:30 - 10:30	VENUE
• IPR – WIPO Training for Principals and Deans	LAICO Hotel
• DAMA Meeting	Nairobi Safari Club, Elgon Hall
• Students Social Media Training	University of Nairobi Towers Room 301
• Public Relations and Communication Officers Training	Nairobi Safari Club, Mawingo
BREAK	
MID-MORNING SESSIONS AND SIDE EVENTS / 11:00 - 13:00	VENUE
• IPR – WIPO Training for Principals and Deans	LAICO Hotel
• DAMA Meeting	Nairobi Safari Club, Elgon Hall
• RUFORUM Technical Committee Meeting	Nairobi Safari Club, Longonot
• Students Social Media Training	University of Nairobi Towers Room 301
• Public Relations and Communication Officers Training	Nairobi Safari Club, Mawingo
LUNCH BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00	VENUE
• IPR – WIPO Training for Principals and Deans	LAICO Hotel
• DAMA Meeting	Nairobi Safari Club, Elgon Hall
• RUFORUM Technical Committee Meeting	Nairobi Safari Club, Longonot
• Students Social Media Training	University of Nairobi Towers Room 301
• Public Relations and Communication Officers Training	Nairobi Safari Club, Mawingo
BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 17:00 - 21:00	VENUE
• IIPRI-ReSAKSS Event with Principals and Deans	Hilton Hotel, Ball Room
• Nurturing Grants – DAAD Students Event	After 40 Hotel
• African Crop Science Society Council Meeting	Nairobi Safari Club, Elgon Hall



SUNDAY 21 OCTOBER, 2018

MORNING SESSIONS AND SIDE EVENTS / 8:30 - 10:30	VENUE
• Leadership and Management Skills Training for Academic Leaders (Principals and Deans)	University of Nairobi, 4 th Floor
• Personal Mastery for Students	University of Nairobi Towers, LR101
• Forum for Women Vice Chancellors in Africa	Radisson Blue Hotel
• Public Relations and Communication Officers Training	Nairobi Safari Club, Mawingo
• Scenarios/Foresight Training for Universities	Nairobi Safari Club, Kirinyaga
• SHAEA Side event	Nairobi Safari Club, Nyambere
BREAK	
MID-MORNING SESSIONS AND SIDE EVENTS / 11:00 - 13:00	VENUE
• Leadership and Management Skills Training for Academic Leaders (Principals and Deans)	University of Nairobi, 4 th Floor
• Personal Mastery for Students	University of Nairobi Towers, LR101
• Forum for Women Vice Chancellors in Africa	Radisson Blue Hotel
• Public Relations and Communication Officers Training	Nairobi Safari Club, Mawingo
• Scenarios/Foresight Training for Universities	Nairobi Safari Club, Kirinyaga
• SHAEA Side event	Nairobi Safari Club, Nyambere
• Carnegie Post-Doc Students side event	University of Nairobi, 4 th Floor

Continued on Pg. 17 ➤

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SUNDAY 21 OCTOBER, 2018

LUNCH BREAK

AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00	VENUE
• RUFORUM International Advisory Panel Meeting	Nairobi Safari Club, Longonot
• Leadership and Management Skills Training for Academic Leaders (Principals and Deans)	University of Nairobi, 4 th Floor
• Forum for Women Vice Chancellors in Africa	Radisson Blue Hotel
• Public Relations and Communication Officers Training	Nairobi Safari Club, Mawingo
• Scenarios/Foresight Training for Universities	Nairobi Safari Club, Kirinyaga
• SHAEA Side event	Nairobi Safari Club, Nyambere
• Carnegie Post-Doc Side Event	University of Nairobi, 4 th Floor
• Poster set-up	Delegates Lobby KICC

BREAK

AFTERNOON SESSIONS AND SIDE EVENTS / 17:00 - 21:00	VENUE
• Open Space	
• Vice Chancellors and other invited guests Dinner	Intercontinental Hotel
• Students evening	Upper Kabete, CAVS Wangari Mathai Institute Campus



MONDAY 22 OCTOBER, 2018

MORNING SESSIONS AND SIDE EVENTS / 8:30 - 10:30	VENUE
• RUFORUM Board Meeting	University of Nairobi Towers, Room 405
• RUFORUM Principals and Deans Meeting (Outcome evaluation of RUFORUM)	University of Nairobi Towers
• TVET Communities of Practice	University of Nairobi Towers, 5 th Floor
• Students field visit	University of Nairobi, Kenyatta University & Jomo Kenyatta University Agriculture and Technology
• Carnegie Post-Doc Students side Event	University of Nairobi Towers, 4 th Floor
• Scenarios/Foresight Training for Universities	Nairobi Safari Club
• Korea-AfDB-RUFORUM Side event	Nairobi Safari Club, Mawingo
• DAAD Students Event	University of Nairobi
• PAEPARD Management Meeting	Hilton Hotel

BREAK

MID-MORNING SESSIONS AND SIDE EVENTS / 11:00 - 13:00	VENUE
• RUFORUM Board Meeting	University of Nairobi Towers, Room 405
• RUFORUM Principals and Deans Meeting (Outcome evaluation of RUFORUM)	University of Nairobi Towers
• TVET Communities of Practice	University of Nairobi Towers, 5 th Floor
• Students field visit	University of Nairobi, Kenyatta University & Jomo Kenyatta University Agriculture and Technology
• Carnegie Post-Doc Students side Event	University of Nairobi Towers, 4 th Floor
• Scenarios/Foresight Training for Universities	Nairobi Safari Club
• Korea-AfDB-RUFORUM Side event	Nairobi Safari Club, Mawingo
• DAAD Students Event	University of Nairobi
• PAEPARD Management Meeting	Hilton Hotel

► From Pg. 18

MONDAY 22 OCTOBER, 2018

LUNCH BREAK

AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00	VENUE
• RUFORUM Annual General Meeting	University of Nairobi Towers, Chandaria Performing Arts Centre
• Students field visit	University of Nairobi, Kenyatta University & Jomo Kenyatta University Agriculture and Technology
• Exhibition & Poster set-up	Delegates Lobby KICC
• PAEPARD Management Meeting	Hilton Hotel

BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 17:30 - 21:30	VENUE
• Welcome to Nairobi Cocktail	Chandaria Performing Arts Centre Lobby University of Nairobi Towers



TUESDAY 23 OCTOBER, 2018

MORNING SESSIONS AND SIDE EVENTS / 8:30 - 10:30	VENUE
• Breakfast meeting of Governors with Vice Chancellors	Intercontinental Hotel
• Ministerial Round Table	University of Nairobi, 19 th Floor, Council Chamber
• AAP/SGCI Side event	SHIMBA, KICC
• REFORM side event	LENANA, KICC
• ASAFTWAS Side Event	ABERDARES, KICC
• WIPO IPR Sessiong with Vice Chancellors	LAICO HOTEL
• Partnership for Change	Lenana, KICC
• Grain Legumes & Dryland Cereals for Nutritional Enhancement	Impala – Lake Turkana, KICC
• FAO Academia-Parliamentarians Side Event	VIP Room, KICC

BREAK

MID-MORNING SESSIONS AND SIDE EVENTS / 11:00 - 13:00	VENUE
• Ministerial Round Table	University of Nairobi, 19 th Floor, Council Chamber
• AAP/SGCI Side event	SHIMBA, KICC
• REFORM side event	LENANA, KICC
• ASAFTWAS Side Event	ABERDARES, KICC
• WIPO IPR Sessiong with Vice Chancellors	LAICO Hotel
• Partnership for Change	LENANA, KICC
• Grain Legumes & Dryland Cereals for Nutritional Enhancement	Impala – Lake Turkana, KICC
• FAO Academia-Parliamentarians Side Event	VIP Room, KICC

Continued on Pg. 21



► From Pg. 20

TUESDAY 23 OCTOBER, 2018

LUNCH BREAK

AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00

- | AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00 | VENUE |
|--|-------------|
| • Official Opening Ceremony of the Sixth African Higher Education Week and RUFORUM Biennial Conference | TSAVO, KICC |
| • Poster and Exhibition Viewing | KICC |

BREAK / 17:30 - 21:30

AFTERNOON SESSIONS AND SIDE EVENTS / 17:30 - 21:30

- | AFTERNOON SESSIONS AND SIDE EVENTS / 17:30 - 21:30 | VENUE |
|--|------------|
| • Cocktail by Kenyan University | LAWN, KICC |



WEDNESDAY 24 OCTOBER, 2018

MORNING SESSIONS AND SIDE EVENTS / 8:30 - 10:30	VENUE
Plenary Session 1: Theme: Towards Agenda 2063: Catalyzing university role in influencing policy and setting development agenda. (See page 28 for Details)	TSAVO, KICC
BREAK	
MID-MORNING SESSIONS AND SIDE EVENTS / 11:00 - 13:00	VENUE
Parallel Plenary 2: <ul style="list-style-type: none">Converging the power of investment in Higher Education to transform Africa. (See page 28 for Details)	TSAVO A, KICC
Parallel Plenary 3: <ul style="list-style-type: none">Harnessing regional and global partnerships for higher education innovation in Africa. (See page 29 for Details)	TSAVO B, KICC
Parallel Plenary 4: <ul style="list-style-type: none">Unravelling University, Community and Private Sector Engagement for agricultural transformation in Africa. (See page 29 for Details)	TSAVO C, KICC
LUNCH BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00	VENUE
<ul style="list-style-type: none">AUC - Ministers - Vice Chancellors forum	Serena Hotel, Allamanda
<ul style="list-style-type: none">FAO Academia-Parliamentarians side event	VIP Room, KICC
<ul style="list-style-type: none">Parallel Technical Sessions (See page 30 for Details)	
<ul style="list-style-type: none">Poster and Exhibition Viewing	KICC
BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 17:30 - 21:30	VENUE
<ul style="list-style-type: none">Open Space	
<ul style="list-style-type: none">AUC-Ministers-Vice Chancellors Dinner	Serena Hotel, Frangipani
<ul style="list-style-type: none">AAP Dinner Meeting	Intercontinental Hotel

THURSDAY 25 OCTOBER, 2018

MORNING SESSIONS AND SIDE EVENTS / 8:30 - 10:30	VENUE
Plenary Session 5: Theme: Building high level skills to deliver on African Agenda 2063. (See page 30 for Details)	TSAVO, KICC
BREAK	
MID-MORNING SESSIONS AND SIDE EVENTS / 11:00 - 13:00	VENUE
Parallel Plenary 6: <ul style="list-style-type: none"> • Skilling Africa's youth: the role of TVETS. (See page 30 for Details) 	TSAVO A, KICC
Parallel Plenary 7: <ul style="list-style-type: none"> • Harnessing the Africa Youth bulge: Innovation, entrepreneurship and agribusiness incubation. (See page 31 for Details) 	TSAVO B, KICC
Parallel Plenary 8: <ul style="list-style-type: none"> • Increasing the pool of women scientists in Africa. (See page 31 for Details) 	TSAVO C, KICC
LUNCH BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00	VENUE
• Young Innovators side event	LAICO Hotel
• Development Partners meeting	Nairobi Safari Club, Longonot
• Social Safeguards – (Campus Policies to reduce sexual harassment)	TAIFA, KICC
• AAP Meeting	Intercontinental Hotel
• Parallel Technical Sessions (See page 30 for Details)	
• Poster and Exhibition Viewing	KICC
BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 17:30 - 21:30	VENUE
• GRA (Global Research Alliance on Agricultural Green Gases- New Zealand)- Principals and Deans Dialogue	Hilton Hotel, Ballroom



FRIDAY 26 OCTOBER, 2018

MORNING SESSIONS AND SIDE EVENTS / 8:30 - 10:30	VENUE
Plenary Session 9: Theme: Moving Africa's development agenda forward: Ingredients for success (See page 32 for Details)	TSAVO, KICC
BREAK	
MID-MORNING SESSIONS AND SIDE EVENTS / 11:00 - 13:00	VENUE
Parallel Plenary 10: <ul style="list-style-type: none">• Harnessing the digital potential to drive agricultural/Higher education transformation in Africa <p>(See page 32 for Details)</p>	TSAVO A, KICC
Parallel Plenary 11: <ul style="list-style-type: none">• Building foresight capacity to guide Africa's development <p>(See page 33 for Details)</p>	TSAVO B, KICC
Parallel Plenary 12: <ul style="list-style-type: none">• Strengthening food and nutrition security in Africa <p>(See page 33 for Details)</p>	TSAVO C, KICC
LUNCH BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00	VENUE
<ul style="list-style-type: none">• Closing Ceremony & Prize awards for Young Innovators	TSAVO, KICC
BREAK	
EVENING SESSIONS AND EVENTS / 19:00 - 22:00	VENUE
<ul style="list-style-type: none">• Gala Dinner	Safari Park Hotel

SATURDAY 27 OCTOBER, 2018

MORNING SESSIONS AND SIDE EVENTS / 8:30 - 10:30	VENUE
• Departures	
• Meeting of LOC, ROC, and Ghana 2019 AGM Committee	Nairobi Safari Club, Mawingo
BREAK	
MID-MORNING SESSIONS AND SIDE EVENTS / 11:00 - 13:00	VENUE
• Departures	
• Meeting of LOC, ROC, and Ghana 2019 AGM Committee	Nairobi Safari Club, Mawingo
LUNCH BREAK	
AFTERNOON SESSIONS AND SIDE EVENTS / 14:00 - 17:00	VENUE
• Arab Organization for Agricultural Development - African Union Commission - RUFORUM Meeting	Nairobi Safari Club, Longonot
BREAK	
EVENING SESSIONS AND EVENTS / 19:00 - 22:00	VENUE
• Departures	



Programme for the 14th RUFORUM Annual General Meeting

22nd October 2018, Nairobi Kenya

Venue: Chandaria Auditorium / Time: 14:00 - 18:30

SESSION 1: RUFORUM ANNUAL GENERAL MEETING

Session Chair: Prof. Mabel Imbuga, RUFORUM Board Chair

Session Rapporteurs: Mr. Charles Owuor, Dr. Mathews Madola, Mr. Moses Waswa & Jacqueline Nnam, RUFORUM Secretariat

1400 - 1500

Part I: Official Opening of the RUFORUM 14th Annual General Meeting

1. Welcome Remarks by Prof. Adipala Ekwamu, Executive Secretary, RUFORUM
2. Welcome Remarks by Prof. Peter Mbithi, Vice Chancellor, University of Nairobi
3. Statement by Prof. Stephen Onakuse, Representative of AGRINATURA, University College Cork, Ireland
4. Statement by Prof Chuanhong Zhang, China Agricultural University
5. Statement by Professor Emmanuel Nhadozie, Executive Secretary, African Capacity Building Foundation (ACBF)
6. Statement by Dr Yemi Akinbamijo, Executive Director, Forum for Agricultural Research in Africa (FARA)
7. Statement by Mr David Phiri, FAO Sub-regional Coordinator
8. Statement by Prof. Marie Odile Attanasso, Minister of Higher Education and Scientific Research, Republic of Benin
9. Official Opening Address by Hon Peter Munya, Cabinet Secretary, Ministry of Industrialization and Enterprise Development, Republic of Kenya (TBC)
10. Vote of Thanks by Prof. Godfrey Mulvi, Vice Chancellor, South Eastern Kenya University

1500 - 1530

Part II: Constitution of the RUFORUM Annual General Meeting (AGM)

1. Record of members present and apologies
2. Adoption of the Agenda
3. Communication from the Chair
4. Minutes and Actions from the 13th Annual General Meeting
5. Farewell message from Professor Mabel Imbuga, outgoing RUFORUM Board Chair & Introduction and Hand over to the new Board Chair

1540 - 1740

PART III: RUFORUM Annual General Meeting (AGM) Business

1. Presentation of Annual Report by the RUFORUM Secretariat: Prof Adipala Ekwamu, Executive Secretary
2. Presentation of the 2017/2018 Financial Report and 2018/2019 Budget Proposal: Ms Judith Nakobe, Finance & Administration Manager, RUFORUM
3. Discussion on the Financial Report and Budget Proposal
4. Report of the External Auditor: Deloitte & Touche
5. Discussion on External Audit
6. Appointment of 2018/2019 External Auditor
7. Venues/updates for the 2019, 2020, 2022 and 2023 AGM and 2021 and 2024 Triennial Conferences
8. Presentations by Partners:
 - Progress update on Africa Higher Education Capacity Indicators platform by Nienke Beintema, IFPRI/ASTI
 - Statement by a Development Partner representative (Andrea Johnson, Carnegie Corporation of New York)
9. Business from the Board: Formal Admission of New Member Universities
10. Closing Remarks by the new RUFORUM Board Chair

1740 - 1830

Health Break

1930 - 2130

Evening function: Welcome Cocktail hosted by University of Nairobi

**Programme for the Opening Ceremony for Sixth African Higher Education Week,
23rd October 2018, Nairobi, Kenya**

Venue: Kenyatta International Conference Centre (KICC)

Hall: Tsavo

**SESSION 2: OFFICIAL OPENING CEREMONY OF THE SIXTH AFRICAN HIGHER
EDUCATION WEEK AND RUFORUM BIENNIAL CONFERENCE 2018**

Session Chair: Prof Mabel Imbuga, RUFORUM Board Chair

Session Rapporteurs: Dr Jolyn Runyararo, Dr. Sylvia Mkandawire, Mr Charles Owuor & Ms Jacqueline Nnam, RUFORUM Secretariat

1500 - 1545	Arrival of Guests /Refreshments
Conference Welcome Remarks	
1545 - 1505	Anthem: Introductory Remarks: Prof. Adipala Ekwamu, Executive Secretary RUFORUM
1505 - 1600	Welcome Remarks: Prof. Peter Mbithi, Vice Chancellor, University of Nairobi, Kenya
Conference Address	
1600 - 1605	Remarks by Hon. Dr. Amina Mohamed, Cabinet Secretary, Ministry of Education, Kenya
1605 - 1610	Remarks by Hon. Janet Kataaha Museveni, First Lady and Minister of Education and Sports, Uganda
1610 - 1615	Remarks on behalf of the visiting ministers: Mr. Bright Msaka, SC, Minister of Education, Science and Technology, Malawi
1615 - 1640	Recognition Awards for contribution to advancement of Higher Education in Africa
1640 - 1700	Address: Hon. Naledi Pandor, Minister for Higher Education, South Africa
1700 - 1730	Official Opening Address: H.E. Uhuru Kenyatta, President of the Republic of Kenya (TBC)
1930 - 2130	EVENING FUNCTION HOSTED BY KENYAN UNIVERSITIES



Plenary Sessions Moderators and Speakers

Sixth African Higher Education Week

22 - 26 October 2018

WEDNESDAY 24 October, 2018

Plenary Session 1 / 08:30 - 10:30

Theme: Towards Agenda 2063: Catalyzing university role in influencing policy and setting development agenda
Tsavo (2000 capacity)

MODERATOR AND LEAD SPEAKER

- **Moderator:** Dr. Lindive Sibanda, AGRA
- **Lead Speaker:** Dr. Frannie A. Leautier, Founder and Managing Partner, The Fezembat Group

PANELISTS

1. Hon. Naledi Pandor, Minister of Higher Education, South Africa
2. Mr. Bright Msaka SC., Minister of Education, Science and Technology, Malawi
3. Prof. Brice Sinsin, University of Abomey Calavi, Benin
4. Professor Didier Pillot, Sup AGRO/Agrinatura, France
5. Dr David Phiri, FAO Sub-Regional Coordinator and representative to African Union Commission
6. Prof. Fanuel Tagwira, Permanent Secretary, Ministry of Higher Education and Scientific Research, Zimbabwe

Break / 10:00 - 10:30

Plenary Session 2 / 11:00 - 13:00

Converging the power of investment in Higher Education to transform Africa
Abardeas (300 capacity)

MODERATOR AND LEAD SPEAKER

- **Moderator:** Ms. Nancy Kacungira, BBC World Service
- **Lead Speaker:** Prof. Tolly Mbwette, former President, Pan African University

PANELISTS

1. Hon. Dr. Mathew Opoku Premeh, Minister of Education, Ghana
2. Dr Eugenio Adolfo Alves da Silva, Secretary of State for Higher Education, Angola
3. Dr Molapo Qhobela, Executive Officer, National Research Foundation, South Africa
4. Mr. Henry Rotich, Cabinet Secretary for Finance, Kenya
5. Hon. Gadison Aridra Ajedro, MP, Deputy Minister of Finance, Planning & Economic Development, Uganda
6. Prof Bakayoko Ly Ramata, Minister of Solidarity, Family, Women and Children, Cote D'Ivoire

Plenary Session 3 / 11:00 - 13:00

Harnessing regional and global partnerships for higher education innovation in Africa

Lenana (300 capacity)

MODERATOR AND LEAD SPEAKER

- **Moderator:** Dr. Aldo Stroebel, NRF
- **Lead Speaker:** Dr. Assia Bensalah Alaoui, Ambassador at large for His Majesty the King Mohamed VI, Morocco

PANELISTS

1. Dr. Elsadig Elhadi Elmahadi, Minister of Higher Education & Scientific Research, Sudan
2. Prof. Stephen Onakuse, Representative of AGRINATURA, University College Cork, Ireland
3. Prof. Ansu Dao Sonii, Sr, Minister of Education, Liberia
4. Professor Mark Erbaugh, Ohio State University/American Public and Land Universities
5. Dr Gaspard Banyankimbona, Minister of Higher Education and Scientific Research, Burundi
6. Prof. Tai Cheol Kim, Chungnam National University, Korea

Plenary Session 4 / 11:00 - 13:00

Unravelling University, Community and Private Sector Engagement for agricultural transformation in Africa

Tsavo C (300-400 capacity)

MODERATOR AND LEAD SPEAKER

- **Moderator:** Dr. Eusebius J. Mukhwana, Director General, Kenya National Qualification Authority (KNQA)
- **Lead Speaker:** Prof. Anil K. Gupta, Founder, Honey Bee Network (India)

PANELISTS

1. Dr. Hendrina Chalwe Doroba, Head of Division, African Development Bank
2. Mr. Stephen Muchiri, CEO East African Farmers Federation
3. Dr. Mario A. Piedro, Deputy Director General, Tropical Agriculture Research and Higher Education Centre (CATIE), Costa Rica
4. Professor Yun Seon Kim, Handong Global University, Korea
5. Prof. Chuanhong Diana Zhang, China Agricultural University
6. Hon. Justice Yien Oral Lam Tut, Minister of Higher Education, Science and Technology, South Sudan



THURSDAY 25 October, 2018

Plenary Session 5 / 08:30 - 10:30

Theme: Building high level skills to deliver on African Agenda 2063

Tsavo (2000 capacity)

MODERATOR AND LEAD SPEAKER

- **Moderator:** Prof. Mary Okwakol, Vice Chancellor, Busitema University, Uganda
- **Lead Speaker:** Prof. Emmanuel Nnadozie, Executive Secretary, ACBF

PANELISTS

1. Dr. Youssef Travaly, Next Einstein Forum
2. Prof. Amr Adly, Deputy Minister of Higher Education and Scientific Research, Egypt
3. Prof. Frans Swanepoel, Manager Cooperate Partnership, University of Pretoria, South Africa
4. Prof. M. Slim Khabous, Minister of Education and Scientific Research, Tunisia.
5. Prof. Amadou Tidiane Guiro Universite Sine Saloum El hadj Ibrahima NIASS (USSEIN), Senegal
6. Prof. Luke Mumba, Vice Chancellor, University of Zambia

Break / 10:00 - 10:30

Plenary Session 6 / 11:00 - 13:00

Skilling Africa's youth: the role of TVETS

Lenana (300 capacity)

MODERATOR AND LEAD SPEAKER

- **Moderator:** Mr. Dan Aquaye, CEO Agrilmpact
- **Lead Speaker:** Dr. Richard Hawkins, ICRA, Netherlands

PANELISTS

1. Dr. Ngugi-Njenga, GIZ/NEPAD
2. Ms. Virginia Nyamu, Principal, Baraka Agricultural College, TVETA, Kenya
3. Prof. Larry Vaughan, Virginia Tech University, USA
4. Hon. Abdallah Albert Toikeusse Mabri, Minister for Higher Education and Scientific Research, Republic of Cote D'Ivoire (TBC)
5. Dr Kevit Desai, Principal Secretary, State Department for Education, Kenya
6. Prof. Aiah Gbakina, Minister of Technical and Higher Education, Sierra Leone

Plenary Session 7 / 11:00 - 13:00

Harnessing the Africa Youth bulge: Innovation, entrepreneurship and agribusiness incubation

Abardares (300 capacity)

MODERATOR AND LEAD SPEAKER

- **Moderator:** Ms. Nancy Kachunguri, BBC World Service
- **Lead Speaker:** Dr. Kiran Sharma, CEO, Agribusiness and Innovation Platform, ICRISAT

PANELISTS

1. Mr Yoshiyuku Tagati, Assistant Director General, Global Infrastructure, World Intellectual Property Organisation (WIPO)
2. Mr. Joao Bosco Monte, President Instituto Brasil Africa
3. Mr. Samuel Rigu, Young Entrepreneur, Safi Organics Ltd, Kenya.
4. Prof. Hiroshi Koaze, Adviser, Africa ai Japan
5. Prof. Patience Mshenga, Egerton University

Plenary Session 8 / 11:00 - 13:00

Increasing the pool of women scientists in Africa

Tsavo C (300-400 capacity)

MODERATOR AND LEAD SPEAKER

- **Moderator:** Prof. Victoria Wambui Ngumi, Vice Chancellor, JKUAT
- **Lead Speaker:** Prof. Umezuruike Linus Opara, Stellenbosch University, South Africa

PANELISTS

1. Professor Alice Pell, Cornell University, USA
2. Dr. Wanjiru Kamau Rutemberg, CEO, AWARD
3. Prof. Christine Dranza, Vice Chancellor, Muni University, Uganda
4. Mrs. Martha Rose Luyolo Muhwezi, Forum for African Women Education (FAWE), Kenya
5. Dr Tade Aina, Executive Director, Partnership for African Social and Governance Research



FRIDAY 26 October, 2018

Plenary Session 9 / 08:30 - 10:30

Theme: Moving Africa's development agenda: Ingredients for success

Tsavo (2000 capacity)

MODERATOR AND LEAD SPEAKER

- **Moderator:** Professor Waceke Warjohi, Kenyatta University
- **Lead Speaker:** Dr. Agnes Kalibata, President AGRA

PANELISTS

1. Hon. Mwangi Kiunjuri, Cabinet Secretary Ministry of Agriculture, Republic of Kenya (TBC)
2. Hon. Mothepu Mahapa, Deputy Minister of Education and Training, Lesotho
3. Mr. Gerald Makau Masila, CEO, East African Grain Council
4. Dr Patrick Okori, ICRISAT
5. Ms Njeri Njau, PhD student, Jomo Kenyatta University of Agriculture and Technology, Kenya

Break / 10:00 - 10:30

Plenary Session 10 / 11:00 - 13:00

Harnessing the digital potential to drive agricultural/Higher education transformation in Africa

Lenana (300 capacity)

MODERATOR AND LEAD SPEAKER

- **Moderator:** Eng. Isaac Kasana, RENU
- **Lead Speaker:** Dr. Suchith Anand, University of Nottingham, UK.

PANELISTS

1. Prof Jude Lubega, Uganda Technology Management University
2. Prof. Muliaro Wafula, Director ICEOD, Jomo Kenyatta University of Agriculture and Technology, Kenya
3. Dr. Florent Okry, Regional Coordinator, West and Central Africa, Access Agriculture
4. Dr. Pascal Hoba, CEO, UbuntuNet Alliance
5. Dr. Francis Otto, RUFORUM Secretariat

Plenary Session 11 / 11:00 - 13:00

Building foresight capacity to guide Africa's development

Abardares (300 capacity)

MODERATOR AND LEAD SPEAKER

- **Moderator:** Prof. Emmanuel Tanyimbu, University of Buea, Cameroon
- **Lead Speaker:** Isabelle Resiss, Clarivate Analytics

PANELISTS

1. Prof. Nelson Torto, Executive Director, African Academy of Science
2. Prof. Lucas Rutting, CCAFS Scenarios Coordinator for East and West Africa
3. Prof. Goolam Mohamedbhai, Former AAU Secretary General
4. Dr. Pierre Grard, CIRAD Regional Director for Eastern Africa
5. Dr. Moses Osiru, RUFORUM Secretariat

Plenary Session 12 / 11:00 - 13:00

Strengthening sustainable food and nutrition security in Africa

Tsavo C (300-400 capacity)

MODERATOR AND LEAD SPEAKER

- **Moderator:** Dr. Habiba Hassan-Wassef, Medical Doctor and Nutrition Expert, Egypt
- **Lead Speaker:** Dr. Yemi Akinbamijo, Executive Director, FARA

PANELISTS

1. Prof. El Dukheri, Director General, Arab Organisation for Agricultural Development
2. Mr. Mphumuzi Sukati, FAO Regional Office for Africa
3. Prof. Lise Korsten, Co-Director of the DST-NRF Centre of Excellence in Food Security, University of Pretoria, South Africa
4. Professor Anselimo Makokha, Jomo Kenyatta University of Agriculture and Technology, Kenya
5. H.E. Professor Fekadu Beyene, State Minister, Federal Ministry of Agriculture and Natural Resource, Ethiopia



Technical Sessions, Sixth African Higher Education Week

22 - 26 October 2018 - WEDNESDAY 24 October, 2018

PARALLEL TECHNICAL SESSION 1: Strengthening policy environment, policy analysis and foresight Hall: AMPHI THEATRE

- **SESSION MODERATOR:** Davis, Kristin, International Food Policy Research Institute (K.Davis@cgiar.org)
- **Rapporteur:** Dr. Jane Yatuha Mbarara University of Science and Technology (jyatuh@must.ac.ug)

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session: Moderator
14:10 - 14:40	Key note speaker: Dr. Adam Devenish (a.devenish@imperial.ac.uk) Presentation 1.1: Achieving food and nutrition security, reducing inequality, and preserving terrestrial ecosystems: 100 critical research questions for decision makers in sub-Saharan Africa
14:40 - 14:50	Discussion
14:50 - 15:20	Key note speaker: Dr. Xiaoting Hou Jones (xiaoting.hou.jones@iied.org) Presentation 1.2: Social and environmental trade-offs and the importance of interdisciplinary research in African Agriculture
15:20 - 15:35	Presentation 1.3: Quality and dissemination of information on restoration of Awoja watershed in eastern Uganda (Akello Sarah sarahakellok@yahoo.com) - Uganda
15:35 - 15:50	Presentation 1.4: The impact of agricultural liberalization on the production and export of gum Arabic in Sudan (Rabah Hatim Abdalgader rabah_hatim@yahoo.com) - Sudan
15:50 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 1.5: A review Article: Fostering inter-disciplinary research to enhance rural smallholder farmer innovation and technology uptake intention using the farmer group approach (Sebuliba-Mutumba Richard rsemur@gmail.com) - Uganda
16:35 - 16:50	Presentation 1.6: On regional university integration: Same degree, different universities (Magumba David davmagumba@gmail.com)-Uganda
16:50 - 17:05	Presentation 1.7: Breaking barriers: francophone and Anglophone institutions in training future leaders in west and central Africa--lesson learnt from implementation of AGRA PhD programme, University of Ghana (Daniel Bruce Sarpong dbsarpong@ug.edu.gh;akwei7@yahoo.com)-Ghana
17:05 - 17:20	Discussion

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PARALLEL TECHNICAL SESSION 1: Strengthening policy environment, policy analysis and foresight
 Hall: AMPHI THEATRE

TIME	PRESENTATION TITLE
17:20 - 17:35	Presentation 1.8: Comparison between Egerton University's outreach teaching methods and farmer-preferred methods – farmer feedback and experiences (Ondiege E. mwmilcah@gmail.com)- Kenya
17:35 - 17:50	Presentation 1.9: Transforming African Agricultural Universities to meaningfully contribute to Africa's growth and development (TAGDev) Program implementation at Egerton University (Mungai Nancy W mungai@egerton.ac.ke)- Kenya
17:50 - 18:05	Presentation 1.10 Land conversion is changing the landscape in the semi-arid Kapir catchment, northeastern Uganda (Osaliya Richard osaliya@yahoo.com)-Uganda
18:05 - 18:20	Presentation 1.11: Effect of improved seed system on potato yields in Uganda (Monica Kigambo monicakigambo@gmail.com)-Uganda
18:20 - 18:35	Presentation 1.12: Why do smallholder farmers fail to use certified seed potato? the case of Nakuru county, Kenya (Nkurumwa Agnes O akibe@egerton.ac.ke)-Kenya
18:35 - 18:45	Discussion and Wrap-Up

PARALLEL TECHNICAL SESSION 2: Addressing climate change and extreme weather events in development Hall: IMPALA/LAKE TURKANA

- **SESSION MODERATOR:** Prof. Simon Onywera, Kenyatta University, Kenya (onywere.simon@ku.ac.ke)
- **Rapporteur:** Agoyi, Etchikinto Eric, University of Abomey-calavi (UAC), Benin ericagoyi@gmail.com

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session: Moderator
14:10 - 14:30	Key note speaker: Dr. Esther Kimani (KEPHIS-Kenya) ekimani@kephis.org; director@kephis.org Presentation 2.1: Addressing climate change and extreme weather events in development
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 2.2: Projected climate change in the different climatologically homogenous rainfall zones of Uganda (Majaliwa Gilbert Jackson Mwanjololo majaliwam@gmail.com)- DRC
14:55 - 15: 10	Presentation 2.3: Factors influencing women's decision to adapt to climate change in Haramaya District, Ethiopia (Maysoon A.A. Osman osmanmaysoon@gmail.com) - Sudan

Continued on Pg. 36





PARALLEL TECHNICAL SESSION 2: Addressing climate change and extreme weather events in development Hall: IMPALA/LAKE TURKANA

TIME	PRESENTATION TITLE
15:10 - 15:25	Presentation 2.4: The impact of climate change on agriculture production and food security situation, in Abuharaz Administration, North Kordofan State- Sudan (Elshima Abdelbagi Osman shimashabour@yahoo.com) - Sudan
15:25 - 15:40	Presentation 2.5: Climate change and smallholder livestock production: Impacts and adaption strategies in Ethiopia (Habtemariam Assefa assefahabtemariam@yahoo.com) - Ethiopia
15:40 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 2.6: Identification of heat stress adaptive traits in some bread wheat genotypes under Gezira condition- (Wala M. Abedalla wllaaldokmy22500@gmail.com) - Sudan
16:35 - 16:50	Presentation 2.7: Variability of some sorghum (<i>Sorghum bicolor L. Moench</i>) genotypes under microcatchment and tilled natural land conditions in Gardud soils in Elbeid, Sudan (Yagoub Suliman Abdallah yagoubsoliman@yahoo.com) - Sudan
16:50 - 17:05	Presentation 2.8: Contribution of non-wood forest products in income and livelihood of rural community in dry lands of central Darfur State, Sudan (Alnazeer Abdallah M. Ahmed alnazeeralshikh8@gmail.com)- Sudan
17:05 - 17:20	Presentation 2.9: Barriers and opportunities for intensification of the coffee-banana agroecosystem of the Mt. Elgon in Uganda Christopher Sebatta sebattac@gmail.com)-Uganda
17:20 - 17:35	Discussion
17:35 - 17:50	Presentation 2.10: Agronomic performance of cowpea populations with resistance to <i>Fusarium redolens</i> in three agro-ecological zones in Uganda (Auma Sharon asharon24@yahoo.com)-Uganda
17:50 - 18:05	Presentation 2.11: Combining Ability for Seed yield and yield Components of some Sudanese genotypes of sesame (<i>Sesamum indicum L.</i>) (Wafaa B. Eltayeb wafaabadiwi90@gmail.com)-Sudan
18:05 - 18:20	Presentation 2.12: Assessment of technical efficacy of bench terraces for soil erosion control in Rwanda Eric (Derrick Bugenimana isimbiella@gmail.com)-Rwanda
18:20 - 18:30	Discussion and Wrap-Up

PARALLEL TECHNICAL SESSION 3: Harnessing the transformative potential of agricultural education, advisory
 Hall: ABERDARES

- **SESSION MODERATOR:** Prof. Moses Zinnah, Dean, (mmzinnah57@yahoo.com)- University of Liberia
- **Rapporteur:** Prof. Georges Nyamadzawo gnyama@yahoo.com (Bindura University, Zimbabwe)

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session: Moderator
14:10 - 14:30	Key note speaker: Minde Isaac mindeisaac3@gmail.com -Tanzania Presentation 3.1: Embracing partnership principles in regional and international research collaboration: theory and practice
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 3.2: Perception of TVET students towards the quality of TVET education in Uganda (Edward Bbaale eddybbaale@gmail.com)- Uganda
14:55 - 15: 10	Presentation 3.3: Implementing graduate research grant: experience from Kyambogo University (Bua Bosco boscobua@yahoo.com)- Uganda
15:10 - 15:25	Presentation 3.4: Contribution of decentralized clean seed potato multiplication enterprises on availability and access to clean seed potato among smallholder farmers in Nakuru County (Ong'ayo Mercy Jerusa mercyjerusa@rocketmail.com)-Kenya
15:25 - 15:40	Presentation 3.5: Comparison between Egerton University's outreach teaching methods and farmer-preferred methods – farmer feedback and experiences – (Ondiege E.O. mwmilcah@gmail.com) - Kenya
15:40 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 3.6: Actor embeddedness and social mechanisms in agricultural innovation platforms: A case of Kiboga-Kyankwanzi innovation platform (Willy Turyahikayo wturyahikayo@mubs.ac.ug) -Uganda
16:35 - 16:50	Presentation 3.7: Marketing extension needs for sesame farmers, Sheikan locality - North Kordofan State, Sudan – (Rawia Hammed Elneel Mohamed Rereelneel@gmail.com)-Sudan
16:50 - 17:05	Presentation 3.8: Types and uses of non-wood forest products in Bahr Alarab locality, East Darfur State, Sudan (Ahmed Younis Ibrahim Younis ahmedforest1988@gmail.com)- Sudan
17:05 - 17:20	Discussion

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**PARALLEL TECHNICAL SESSION 3: Harnessing the transformative potential of agricultural education,
advisory Hall: ABERDARES**

TIME	PRESENTATION TITLE
17:20 - 17:35	Presentation 3.9: Students' community engagement and experiential learning: A case of TAGDev program at Egerton University (Njuguna, V.W vwanjiku89@yahoo.com)- Kenya
17:35 - 17:50	Presentation 3.10: Gulu University student-centered outreach model enhanced uptake of research innovations in complementary feeding among rural households in Amuru and Nwoya districts in Northern Uganda (Nassanga Ppnassanga@gmail.com)-Uganda
17:50 - 18:05	Presentation 3.11: Unravelling the potential of linking formal and informal seed systems in improving access to quality seed Uganda (Sylvia Nabasumba snabasumba@ucu.ac.ug) - Uganda
18:05 - 18:30	Discussion and Wrap-Up

**PARALLEL TECHNICAL SESSION 4: Harnessing ICT and digital potential to increase Africa's competitiveness
Hall: SHIMBA HILLS**

- **SESSION MODERATOR:** Dr. Drake Mirembe - dpmirembe@gmail.com; dmirembe@hotmail.com (Makerere University, Uganda)
- **Rapporteur:** Dr. Peter Ochieng Jomo Kenyatta University of Agriculture and Technology (JKIA) (onexpeters@gmail.com)

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session:
14:10 - 14:30	Key note speaker: Hassan M. Suleiman- hmsuleiman@yahoo.com)-Sudan Presentation 4.1: Pastoral mobility and large –scale agricultural expansion in eastern Sudan
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 4.2: ICT integration for agricultural extension in Kenya (Kamande, A. W. annkennedys@gmail.com)-Kenya
14:55 - 15:10	Presentation 4.3: Mobile Application Use and Service Quality in Financial Institutions in Uganda (Lilian Tamale l.tamale@ruforum.org) - Uganda
15:10 - 15:25	Presentation 4.4: Unearthing the potential of participatory, and information and communication technologies' led extension and learning approaches in agricultural and environmental education in Uganda (Karubanga Gabriel amoottigabs@gmail.com/gkarubanga@caes.mak.ac.ug) - Uganda

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PARALLEL TECHNICAL SESSION 4: Harnessing ICT and digital potential to increase Africa's competitiveness Hall: SHIMBA HILLS

TIME	PRESENTATION TITLE
15:25 - 15:40	Presentation 4.5: Dynamically Processing Agricultural Data from Controlled Legume Sites (Oteyo Isaac Nyabisa Isaac.Nyabisa.Oteyo@vub.be)-Kenya
15:40 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 4.6: Kenya Research and Education Network, KENET CEO, University of Nairobi (Dr. Meoli Kashorda mkashorda@kenet.or.ke; info@kenet.or.ke)-Kenya
16:35 - 16:50	Presentation 4.7: Scalability in ontology matching: state of the art analysis (Ochieng Peter onexpeters@gmail.com)-Kenya
16:50 - 17:05	Discussion and Wrap-Up

PARALLEL TECHNICAL SESSION 5: Increasing research, innovation and technology capacity in postharvest Hall: LENANA

- **SESSION MODERATOR:** Prof. George Chemining'wa- umchemin@hotmail.com; george.cheminingwa@uonbi.ac.ke Dean Faculty of Agriculture University of Nairobi
- **Rapporteur:** Dr. Wales Singini - Mzuzu University (walessingini@gmail.com) - Malawi

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session:
14:10 - 14:30	Key note speaker: Prof. Umezuruike Linus Opara, Stellenbosch University, South Africa) opara@sun.ac.za Presentation 5.1: Increasing research, innovation and technology capacity in postharvest
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 5.2: Comparative performance analysis of elite hybrid solar dryer and electric dryer coupled with photovoltaic-thermal backup system, and open sun drying of pineapples and mangoes (Mohammed Ssemwanga ssemwangaali@gmail.com)-Uganda
14:55 - 15:10	Presentation 5.3: From the lab to land: taking postharvest management solutions to horticultural farmers through aggregation centers (Jane Ambuko, ambuko@yahoo.com; jane.ambuko@uonbi.ac.ke) - Kenya
15:10 - 15:25	Presentation 5.4: Improving the culinary quality of cowpea grains in Nigeria (Odogwu A. Blessing blessing.odogwu@uniport.edu.ng) - Nigeria

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PARALLEL TECHNICAL SESSION 5: Increasing research, innovation and technology capacity in postharvest Hall: LENANA

TIME	PRESENTATION TITLE
15:25 - 15:40	Presentation 5.5: Application of X-ray micro-computed tomography to detect bruise damage of pomegranate (cv. Wonderful) fruit (Zaharan Hussein zedymgina@gmail.com)- South Africa
15:40 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 5.6: Influence of storage facilities on post-harvest losses of sorghum (Sorghum bicolor) in the smallholder farming systems of Buhera South and Mwenezi Districts, Zimbabwe (Mapfeka Rudo Florence gnyamadzawo@buse.ac.zw)- Zimbabwe
16:35 - 16:50	Presentation 5.7: Systematic review of literature on the impact of pre-harvest and postharvest factors on pineapple juice quality (Lamptey Francis P.lamptey.francispadi@gmail.com; francis.lamptey@stu.ucc.edu.gh) Ghana
16:50 - 17:05	Presentation 5.8: Effect of postharvest hot water dipping and Calcium Treatment on the Titratable Acidity and Chilling Injury of Banana and Mango Fruits from Mozambique Dovel Branquinho Ernesto ernestodovel@hotmail.com)- Mozambique
17:05 - 17:20	Presentation 5.9: Effectiveness of cold chain management practices to extend shelf life of mango fruit Amwoka Emmanuel M emmanuelamwoka@gmail.com)-Kenya
17:20 - 17:35	Discussion
17:35 - 17:50	Presentation 5.10: Effect of pre and post-harvest application of calcium chloride on the shelf life of physiologically mature mango fruits Bitange, Naphis Mokaya (mokayanaphis@gmail.com)-Kenya
17:50 - 18:05	Presentation 5.11: Botanical fungicide for sustainable production of fresh vegetables (Geraldin M. W. Lengaig@nm-aist.ac.tz)-Tanzania
18:05 - 18:20	Presentation 5.12: Fruit characteristics and the postharvest stability of different pumpkin (Cucurbita Spp) varieties- (Nansikombi Nulu ybbyaru@gmail.com)-Uganda
18:20 - 18:30	Wrap-Up

PARALLEL TECHNICAL SESSION 6: Catalyzing competitive agribusiness, markets and trade
Hall: TSAVO B

- **SESSION MODERATOR:** Prof. George Owuor Egerton University (g.owuor@egerton.ac.ke)
- **Rapporteur:** Frank Kumi Makerere University frankkumifk85@gmail.com

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session
14:10 - 14:30	Key note speaker: An agribusiness incubation hub at Bishop Stuart University for innovative and diversified employment opportunities of young graduates (Kalibwani Rebecca Mutebi rmkalibwani@yahoo.com; rmkalibwani@as.bsu.ac.ug) - Uganda
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 6.2: Enhancing agribusiness rice clusters and market linkages for food security and incomes in northern Uganda (Mugonola Basil b.mugonola@gu.ac.ug) - Uganda
14:55 - 15:10	Presentation 6.3: Farmer cooperatives, agricultural technology and their role in South Korean agriculture (Ms. Yongeun Lee yongeun.lee@snu.ac.kr)- South Korea
15:10 - 15:25	Presentation 6.4: The effects of entrepreneurial orientation on enterprise performance: A review paper (Daniel Munyoki Musyoka- Kenya)
15:25 - 15:40	Presentation 6.5: Integrated Approach towards the management of the fall armyworm (Spodoptera frugiperda) (Nzuve Felister fmbute@yahoo.com) - Kenya
15:40 - 16:00	Discussion 16:00 - 16:20 Health Break
16:20 - 16:35	Presentation 6.6: Validation of efficacy of rabbit anticoccidial drugs commonly used in Kenya (Ogolla Kennedy Okoth kokothogola2008@gmail.com)- Kenya
16:35 - 16:50	Presentation 6.7: Strengthening micro financing for rural farmers: Evidence from SACCOs in Soroti District, Uganda (Deborah Alio deborah.alio@yahoo.com)-Uganda
16:50 - 17:05	Presentation 6.8: Contract farming participation and performance: the case of leaf tobacco (Apio Docus docusapic22@gmail.com)- Uganda
17:05 - 17:25	Presentation 6.9: Meta-synthesis of effects of pineapple value chain system on livelihood of smallholder farmers (Shaibu Z zikishaibu@yahoo.com)- Ghana
17:25 - 17:30	Discussion
17:35 - 17:50	Presentation 6.10: Do farmer groups have an Influence on cassava agri-enterprise value chain upgrading and income? The case of Migori County, Kenya (Sambrumo M. G gad. matayo@gmail.com)-Kenya
17:50 - 18:00	Discussion and Wrap-Up

PARALLEL TECHNICAL SESSION 7: Increasing agri-foods systems productivity
Hall: TSAVO C

- **SESSION MODERATOR:** Joshua Ogendo Egerton University (ogendojoshua@yahoo.co.uk)
- **Rapporteur:** Dr. Agbahoungba Symphorien University of Abomey-calavi (UAC), Benin (agbahoungbasymphorien@gmail.com)

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session
14:10 - 14:30	Key note speaker: Prof Bernard Njehia (Kenyatta University) njehia.bernard@ku.ac.ke Presentation 7.1: Increasing agri-foods systems productivity
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 7.2: Students as the agents of change in achieving food security and reduced unemployment in Sub-Saharan Africa: The case of CESAM project at Egerton University (Otieno K.O informkevo@gmail.com -) Kenya
14:55 - 15:10	Presentation 7.3: Native edible tree/shrub species available in Benin for enhancing food security of local populations (Honfo Sewanou H honfosewanou@gmail.com) - Benin
15:10 - 15:25	Presentation 7.4: Organizational and institutional drivers of smallholder rice marketing systems in Northern Uganda (Akite Irine akiteirine5@gmail.com)-Uganda
15:25 - 15:40	Presentation 7.5: Incorporating genomic markers and weather variables in genotype-by-environment interaction analyses for cassava brown streak disease (Alfred Ozimati ozimatialfred@gmail.com)-Uganda
15:40 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 7.6: Improvement of Sudanese sorghum for foliar diseases resistance using molecular markers: a review (Mayada M. Beshir mayadabeshir2015@gmail.com ; anafeesa34@yahoo.com)- Sudan
16:35 - 16:50	Presentation 7.7: Orphan crops species: state of knowledge in sub-Saharan Africa (Achille e. Assogbadjo assogbadjo@gmail.com)- Benin
16:50 - 17:05	Presentation 7.8: Evaluation of the potential of <i>Canavalia ensiformis</i> aqueous extracts as post emergence bio-herbicides for weed control in maize (<i>Zea mays L.</i>) (Rugare Joyful Tatenda rugarejoy@gmail.com)- Zimbabwe
17:05 - 17:25	Presentation 7.8: Tomato leaf miner, a devastating pest in Africa: Potential management strategies (Never Zekeya neverz@nm-aist.ac.tz)-Tanzania

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PARALLEL TECHNICAL SESSION 7: Increasing agri-foods systems productivity
Hall: TSAVO C

TIME	PRESENTATION TITLE
17:20 - 17:35	Discussion
17:35 - 17:50	Presentation 7.10: Opportunities and challenges of crop intensification production system on potato value chain in South-Western Uganda- (Ainebyona R Roland ainebyoonar@yahoo.com) - Uganda
17:50 - 18:05	Presentation 7.11: Participatory varietal selection of hybrid maize (<i>Zea Mays L.</i>) varieties in Jabitehinan and South Achefer districts, Ethiopia (Fentaw Abate fenti2004@gmail.com)- Ethiopia
18:05 - 18:20	Presentation 7.12: Factors influencing adoption of technologies among small holder farmers in the pineapple value chain; a systematic review (Ametepey E T K nochamet26@gmail.com)- Ghana
18:20 - 18:30	Discussion and Wrap-Up

PARALLEL TECHNICAL SESSION 8: Responding to Africa's emerging environment and natural resources sustainability challenges
Hall: CAUCUS 109

- **SESSION MODERATOR:** Dr. Mercy Nyambura- University Mohammed the 6th Polytechnique (Anouar.JAMALI@um6p.ma)- Morocco
- **Rapporteur:** Dr. Vitalis Ogema- Masinde Muliro University of Science and Technology (vogemah@mmust.ac.ke)-Kenya

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session
14:10 - 14:30	Key note speaker: Dr. Kamiri Hellen hkamiri@karu.ac.ke Presentation 8.1: Navigating social and ecological systems to build resilience for sustained crop production in cultivated swamplands in Kenya
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 8.2: Scaling up African baobab food products valuation through enhancement of their safety and value chains for food and nutritional security in Benin (West-Africa) Prof Achille Ephrem Assogbadjo (University Of Abomey-Calavi, Benin)
14:55 – 15: 10	Presentation 8.3: Determination of crop water requirements and irrigation scheduling of Aerobic Rice (<i>Oryza sativa L.</i>), Gezira Conditions, Sudan (Eslam A.G.Mohamed eslamahmed485@gmail.com) - Sudan

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PARALLEL TECHNICAL SESSION 8: Responding to Africa's emerging environment and natural resources sustainability challenges Hall: CAUCUS 109

TIME	PRESENTATION TITLE
15:10 - 15:25	Presentation 8.4: Improvement in yield and resistance of cowpea to multiple stress factors in Africa: The need to employ mutagenesis in breeding (Afutu Emmanuel emmanuel.afutu@ucc.edu.gh) - Ghana
15:25 - 15:40	Presentation 8.5: GIS and remote sensing based land suitability assessment for wheat production in Zambia (Sally Chikuta Sallychikuta@yahoo.com) - Zambia
15:40 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 – 16:35	Presentation 8.6: Tied contour rain water harvesting in cereal-legume intercropping systems in smallholder farming areas of Zimbabwe (Zengeza Tapiwa rmandumbu@gmail.com) - Zimbabwe
16:35 - 16:50	Presentation 8.7: Impact of Calliandra hedgerows and organic manure on soil organic carbon stocks in south western highlands of Uganda (Ssekandi Joseph sekjoseph@gmail.com)-Uganda
16:50 - 17:05	Presentation 8.8: Contributing factors to the siltation of valley dams: Case of Karamoja region, Uganda (Ere-mugo Isaac eremugonatal@gmail.com)-Sudan
17:05 - 17:20	Presentation 8.9: A review article: Fostering inter-disciplinary research to enhance rural smallholder farmer innovation and technology uptake intention using the farmer group approach- (Sebuliba-Mutumba Richard rsemur@gmail.com)- Uganda
17:20 - 17:35	Discussion
17:35 - 17:50	Presentation 8.10: Cotyledon biochemicals and cowpea seed resistance to bruchid Callosobruchus macula-tus (F.) (Miesho Belay- belaymiesho@yahoo.com)- Ethiopia
17:50 - 18:05	Presentation 8.11: Profit efficiency of vegetable farmers in east African wetlands: case of Ewaso Narok and Namulonge (Njogu Lucy G. lucy.njogu@hotmail.com)-Uganda
18:05 - 18:20	Presentation 8.12: Pineapple waste biochar and compost application for sustainable soil fertility improvement and increased yield in commercial pineapple production systems (Hanyabui, E emmahanya20@gmail.com)-Ghana
18:20 - 18:30	Discussion and Wrap-Up

PARALLEL TECHNICAL SESSION 9: Fostering multi-stakeholder engagement for impact
Hall: TSAVO A

- **SESSION MODERATOR:** Mrs. Monica Kapiriri Namumbya, Kampala, Uganda
- **Rapporteur:** Emmanuel Okalany

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session: Moderator
14:10 - 15:30	Key note speaker: Dr. Richard Hawkins, Director ICRA, Wageningen, The Netherlands Presentation 9.1: Fostering multi-stakeholder engagement for impact Case Studies: <ol style="list-style-type: none"> 1. The functions of communication in the multi-stakeholder partnerships – Thierry Helmer or Francois Stepman (PAEPARD) 2. Community engagement with focus on African Indigenous Vegetables – Liz Kizito (UCU) 3. Benefits of having a SME in an MSP consortium – Arsene Savadogo (Bioprotect) 4. Challenges and opportunities of engaging the sub-regional organization of farmers in MSP – Steve Muchiri/Gustave Ewole (EAFF/PROPAC)
15:30 - 15:45	Discussions on presentations
15:45 - 16:00	Health break
16:00 - 18:30	Panel of discussants Panelists and suggested questions to be addressed <ol style="list-style-type: none"> 1. Mrs. Monica Brasser, Wageningen University: Funding in ARD. Do we have enough innovative funding mechanisms (e.g. ARF, LEAP-Agri, DeSIRA) helping ARD? What could be the role of private sector organizations, and their specific needs for that? 2. Mr. Philip Kiriro, EAFF: The readiness of farmers to engage in ARD processes. 3. Dr. Irene Frempong, FARA: Who should facilitate the creation of the MSP? How to sustain the MSP beyond a project? Can the MSP concept be sold to policy-makers for the integration in the TOR of ARD calls? 4. Richard Hawkins, ICRA: Is there science in MSP? 5. Prof Joseph Hounhouigan joseph.hounhouigan@gmail.com (University of Abomey-Calavi, Benin



DAY 2: WEDNESDAY 25TH October, 2018

PARALLEL TECHNICAL SESSION 10: Engaging Parliamentarians and Academia to Enhance their Transformative Potential to Achieve Agenda 2063 and SDG2 Hall: VIP Room KICC

- **SESSION MODERATOR:** FAO Representative
- **Rapporteur:** Henry Massa Makerere University - massahenri@gmail.com

TIME	PRESENTATION TITLE
14:00 - 14:10	Presentation 10.1: Introductory speech and overview of food security and nutrition challenges in the region FAO representative
14:10 - 15:00	Presentation 10.2: Audience poll on perceptions on the role of academia and parliamentarians contributions to eradicate hunger and malnutrition (to be conducted via direct poll, a free online app. Results will be displayed) Presentation 10.3: Presentation of the framework. Transforming food and agriculture to achieve the SDGs, 20 interconnected actions to guide decision-makers FAO representative
15:00 - 15:20	Health Break
15:20 - 17:00	Introduction of policymakers and RUFORUM representatives on the panel <ul style="list-style-type: none">• Hon. Ilyas Ahmed Hassan - Djibouti• Hon. Jacqueline Amongin - Uganda• Hon. Justus Murunga - Kenya• Hon. Adan Haji Yussuf - Kenya• Hon. Mathias Kasamba - Uganda• Hon. Danstan Kitandula - Tanzania• Hon. Peter Mathiang Ahoy Ngong - South Sudan• Dr. Paul Nampala - RUFORUM <p>Panel discussion (participants will be provided with some questions prior to the event. Questions from the audience will also be welcomed)</p> <p>Themes: How to increase the uptake of integrated approach to food security, nutrition and sustainability in parliamentary campaigns, legislation and academia research? How to bridge the gap between research and evidence-based policy?</p> <p>Reaction to panel, with priority to distinguished guests not in the panel</p>
17:00 - 17:15	Coffee break
17:15 - 18:00	<ul style="list-style-type: none">• Audience Poll on identifying opportunities to build linkages between Parliamentarians and Academia for achieving zero hunger (Results will be displayed)• Reaction to Poll and Discussion on opportunities for synergies between parliamentary initiatives on FSN sustainable food and agriculture in the region and activities of RUFORUM
18:00 - 18:30	Concluding remarks

PARALLEL TECHNICAL SESSION 11: Facilitating the Road to Sustainable Food and Nutritional Security
Hall: TAIFA HALL

- **SESSION MODERATOR:** Prof. Timothy Sulo - Dean Faculty of Agriculture - Moi University (timothysulo@gmail.com)-Kenya
- **Rapporteur:** Dr. Joseph Ssekandi Uganda Martyrs University (sekjoseph@gmail.com)

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session
14:10 – 14:30	Key note speaker: Mr Mphumuzi Sukati- Senior Nutrition Officer (Mphumuzi.Sukati@fao.org)- Ghana Presentation 11.1: Facilitating the road to sustainable food and nutritional security
14:30 – 14:40	Discussion
14:40 - 14:55	Presentation 11.2: Potential benefits of dietary chia in the primary prevention of cardiovascular diseases: A review Fabian Mihafu fmihafu21@gmail.com) - Tanzania
14:55 - 15: 10	Presentation 11.3: Why do smallholder farmers fail to use certified seed potato? the case of Nakuru county, Kenya (Kamiri Hellen hkamiri@karu.ac.ke)- Kenya
15:10 - 15:25	Presentation 11.4: Elements influencing adoption of climate smart agriculture technology in Malawi: A multivariate probit analysis (Maguza-Tembo Francis fmaguzatembo@gmail.com)-Malawi
15:25 - 15:40	Presentation 11.5: Effect of different pasteurization schemes on baobab nectar quality (Vanessa Y.O. IDOHOU fchadare@gmail.com) Benin
15:40 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 11.6: Knowledge dissemination on improvement of traditional complementary foods for proper child feeding (Mmari M Mercy mmari mercy@gmail.com) - Tanzania
16:35 - 16:50	Presentation 11.7: Edible grasshopper meal (<i>Ruspolia nitidula</i>) "nsenene"; a potential source of protein in the diet of Japanese quails in Africa: A review (John Kwaku Amoah johnkwaku67@bugemauniv.ac.ug, johnkwaku67@gmail.com)- Uganda
16:50 - 17:05	Presentation 11.8: Genetic diversity and population structure of tropical soybean genotypes using SNP markers: implications for breeding and conservation- (Tonny Obua obuattonny@gmail.com) - Uganda



PARALLEL TECHNICAL SESSION 11: Facilitating the Road to Sustainable Food and Nutritional Security
Hall: TAIFA HALL

TIME	PRESENTATION TITLE
17:05 - 17:25	Presentation 11.9: Effect of selected SWC practices on physico-chemical properties of ferralsols in the Lwiro catchment-Eastern DRC (Adidja W Matabaro, adidjamatabaro@gmail.com)-DRC
17:20 - 17:35	Discussion
17:35 - 17:50	Presentation 11.10: Biochemicals associated with Callosobruchus chinensis resistance in soybean (Msiska Ulemu M ulemsiska@gmail.com)-Malawi
17:50 - 18:05	Presentation 11.11: Cellular and genetic basis for variation in tomato (<i>Solanum lycopersicum</i> L.) fruit size (Dr. Cyrus Ongom cyrusongom@gmail.com)-Uganda
18:05 - 18:20	Presentation 11.12: Meristem tissue culture is a potential avenue for mass production of clean local banana plantlets in Uganda (Kityo Ronald ronaldkityo@gmail.com) - Uganda
18:20 - 18:30	Discussion and Wrap-Up

PARALLEL TECHNICAL SESSION 12: Fostering Integrated and Sustainable Livestock and Fisheries Production Systems
Hall: TSAVO C

- **SESSION MODERATOR:** Prof Charles Masembe Makerere University Uganda (cmasembe@cns.mak.ac.ug)-Uganda
- **Rapporteur:** Joyful Rugare

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session
14:10 - 14:30	Key note speaker: Dr Revocatus Machunda revocatus.machunda@nm-aist.ac.tz (Nelson Mandela African Institute of Science and Technology) - Tanzania Presentation 12.1: Fostering integrated and sustainable livestock production systems
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 12.2: Molecular genetics research of indigenous goat: Genetic diversity, prolificacy, milk production and peste-des-petits-ruminants resistant associated genes assessment (Bwihangane Birindwa Ahadi adjibir@yahoo.fr) - DRC
14:55 - 15: 10	Presentation 12.3: Validation of efficacy of rabbit anticoccidial drugs commonly used in Kenya (Ogolla Kennedy Okoth kokothogola2008@gmail.com)-Kenya

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PARALLEL TECHNICAL SESSION 12: Fostering Integrated and Sustainable Livestock and Fisheries Production Systems

Hall: TSAVO C

TIME	PRESENTATION TITLE
15:10 - 15:25	Presentation 12.4: Determinants of indigenous chicken enterprise commercialisation among communal farmers: A multinomial regression analysis (Manzvera Joseph manzverajoseph@gmail.com) - Zimbabwe
15:25 - 15:40	Presentation 12.5: Gastrointestinal parasites of Angora goats in Lesotho: prevalence and abundance (Molioa, M.J mcjmolioa@gmail.com)- Lesotho
15:40 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 12.6: Nutritional value of peanut haulm: effects on digestibility and on growth performance of sheep fed peanut hay or silage (Addah W addweseh@yahoo.com) - Ghana
16:35 - 16:50	Presentation 12.7: Value chain analysis of tilapia for small scale fish farmers: A case study of Mchinji and Dowa Districts Mpango mpangospriano@gmail.com
16:50 - 17:05	Presentation 12.8: Nutritional and economic potential of Clarias liocephalus for rural populations of South Western Uganda (Yatuha Jane jyatuha@must.ac.ug)
17:05 - 17:20	Presentation 12.9: Bioeconomic options and sustainable value chains for rational exploitation of fisheries resources along Lake Malawi (Wales Singini walessingini@gmail.com)- Malawi
17:20 - 17:35	Discussion
17:35 - 17:50	Presentation 12.10: Effects of Cyprinus carpio Linnaeus, 1758 (Actinopterygi: Cyprinidae) and Clarias gariepinus Burchell, 1822 (Actinopterygi: Clariidae) on water quality in ponds: relevance to aquaculture enhancement in Africa (Chirwa, E.R. erchirwa@gmail.com)- Malawi
17:50 - 18:05	Presentation 12.11: Application of neo-classical economic models in the analysis of potential viability and public valuation of fish solar dryer in Malawi (Rodgers Makwinja makwinjarodgers@gmail.com)- Malawi
18:05 - 18:20	Presentation 12.12: Drivers of social network and their implications on group formation among shrimp fishers in rivers state (Komi W Gentle gentle.komi@uniport.edu.ng) - Nigeria
18:20 - 18:30	Discussion and Wrap-Up

PARALLEL TECHNICAL SESSION 13: Strengthening recognition of gender, conflicts and cross-cutting development perspective

Hall: : LENANA

- **SESSION MODERATOR:** Prof. Nancy Mungai Egerton University
- **Rapporteur:** Karubanga Gabriel amoottigabs@gmail.com/gkarubanga@caes.mak.ac.ug)

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session
14:10 - 14:30	Key note speaker: (Paul L. Woomer plwoomer@gmail.com) Presentation 13.1: Aligning University Graduates and agribusiness opportunities to African agricultural transformation
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 13.2: Towards development of market-led kersting's groundnut [Macrotyloma geocarpum (Harms) Maréchal and Baudet] varieties in Benin (Agoyi Eric ericagoyi@gmail.com)- Benin
14:55 - 15: 10	Presentation 13.3: Leveraging the Makerere University Agricultural Research Institute Kabanyolo dairy value chain for dairy business incubation and skill development-DAIRY LEVER among Students and Smallholder Farmers in Uganda (Bashaasha Bernard bashaasha@caes.mak.ac.ug) - Uganda
15:10 - 15:25	Presentation 13.4: Transforming African Agricultural Universities to meaningfully contribute to Africa's growth and development (TAGDev) Program implementation at Egerton University (Mungai Nancy W nmungai@egerton.ac.ke)- Kenya
15:25 - 15:40	Presentation 13.5: Analysis of Value addition and fortification of native cereals using marginalised legume crops among smallholder farmers in semi-arid regions (Marongwe F.D blemasamha@gmail.com)- Zimbabwe
15:40 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 13.6: Analysis of watermelon (<i>Citrullus lanatus</i>) marketing in Gulu and Nwoya districts of Northern Uganda (Jemima Alla Houessou jemima9419@gmail.com)-Uganda
16:35 - 16:50	Presentation 13.7: Economic valuation of the preferences of consumers and farmers and their willingness to pay for cowpea variety Traits: Implications for breeding and marketing in Ghana (Mbroh I emmanu-el.afutu@ucc.edu.gh)- Ghana
16:50 - 17:05	Presentation 13.8: Assessment of land use and land cover in Errahad locality, Sudan using remote sensing and GIS (Yasir Mohamed Osmanyasirosman77@yahoo.com; Yasirosman77@yahoo.com)- Sudan

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PARALLEL TECHNICAL SESSION 13: Strengthening recognition of gender, conflicts and cross-cutting development perspective

Hall: : LENANA

TIME	PRESENTATION TITLE
17:05 - 17:20	Presentation 13.9: Gender vulnerability to impacts of climate change on agriculture in Niger Delta Region of Nigeria (Agwu Ekwe Agwu.ekwe.agwu@unn.edu.ng) – Nigeria
17:20 - 17:35	Discussion
17:35 - 17:50	Presentation 13.10: Nutritional value and sensory properties of an extruded composite iron-rich bean-based snack targeting school children (Natabirwa Hedwig hedwignorh@yahoo.com)- Uganda
17:50 - 18:05	Presentation 13.11: Nutraceutical and antimicrobial properties of baobab pulp and leaves: a review (Gbaguidi Mechack Ahotonji fchadare@gmail.com)- Benin
14:55 - 15: 10	Presentation 13.12: Assessing the coordination of actors engaging youth in agriculture: a case of mid-western Uganda (Loga Dorcas Elizabeth dorcaslokelo@gmail.com)- Uganda
18:20 - 18:30	Discussion and Wrap-Up

PARALLEL TECHNICAL SESSION 14: Strengthening Higher Agricultural Education in Africa

Hall: TSAVO B

- **SESSION MODERATOR:** Joanne Gaskill, jgaskell@worldbank.org World Bank
- **Rapporteur:** Dr. Sarah Akello sarahakellok@yahoo.com

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session
14:10 - 14:50	Key note speaker: Dr. Thom Jayne – jayne@msu.edu Michigan State University Presentation 14.1: Strengthening Higher Agricultural Education In Africa
14:50 - 15:10	Discussion
15:10 - 18:20	Presentation 14.2: Fostering institutional transformation: Lessons from iAGRI project at Sokoine University (Mark Erbaugh erbaugh.1@osu.edu)- USA Presentation 14.3: Paper from Virginia Tech Presentation 14.4: Higher agricultural education in South Korea and opportunities for collaboration (Prof. Tai Cheol Kim - Chungnam University) Presentation 14.5: Institutionalizing farmer fields schools in extension curricula in institutions of higher learning – FAO (Amb. Benjamin Mweri, benjamin.mweri@gmail.com) Discussion Health Break

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PARALLEL TECHNICAL SESSION 14: Strengthening Higher Agricultural Education in Africa Hall: TSAVO B

TIME	PRESENTATION TITLE
15:10 - 18:20	Presentation 14.6: Nelson Mandela African Institute of Science and Technology (NM-AIST) – (Dr Gabriel Shi-rima gabriel.shirima@nm-aist.ac.tz)-Tanzania Presentation 14.7: Re-aligning curricula and mode of delivery to impart relevant knowledge and skills to improve agricultural productivity (Hulela Keba hulela@buan.ac.bw) -Botswana Presentation 14.8: The ‘Green Education Column’: from university to TVET. Experiences from the Netherlands. – (Jennie van der Jennie.vandermheen@wur.nl)
18:20 - 18:30	Discussion and Wrap-Up

PARALLEL TECHNICAL SESSION 15: Increasing Agri-Food Systems Productivity Hall: ABERDARES

- **SESSION MODERATOR:** Prof Mick Mwala University of Zambia (mmwala@unza.zm)- Zambia
- **Rapporteur:** Odogwu A. Blessing University of Port Harcourt (blessing.odogwu@uniport.edu.ng) - Nigeria

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session
14:10 - 14:30	Key note speaker: Dr Robert Kawuki : kawukisezirobert@gmail.com Presentation 15.1: A synopsis of milestones attained by Next Generation Cassava Breeding Project in Uganda
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 15.2: Food to food fortification with moringa leaf powder and baobab fruit pulp improves potential iron cover rate for women in reproductive age in Benin (Fassinou, Finagnon Toyi Kevin fchadare@gmail.com) - Benin
14:55 - 15: 10	Presentation 15.3: Issues, practices of cassava landraces and indigenous tree interactions, key driver for climate smart agriculture in agro ecological zones of Uganda (Kalmunjaye Samuel kali.samuel@gmail.com) - Uganda
15:10 - 15:25	Presentation 15.4: Enhancing agribusiness rice clusters and market linkages for food security and incomes in northern Uganda (Mugonola Basil b.mugonola@gu.ac.ug)-Uganda
15:25 - 15:40	Presentation 15.5: Agronomic performance and carotenoid content of Kenyan yellow-fleshed cassava clones (Njenga Peninah njengapeninah@gmail.com) -Kenya
15:40 - 16:00	Discussion

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PARALLEL TECHNICAL SESSION 15: Increasing Agri-Food Systems Productivity
Hall: ABERDARES

TIME	PRESENTATION TITLE
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 15.6: Analysis of Uptake of drip irrigation by smallholder farmers in Zimbabwe: Case study of Mutare District (Chiwa Mukumbi mukumbik@africau.edu) - Zimbabwe
16:35 - 16:50	Presentation 15.7: Almplementation of a community-based field attachment program award in Benin: Lessons learned (Affonfere Marius fchadare@gmail.com)-Benin
16:50 - 17:05	Presentation 15.8: Effect of selected ethanolic plants extracts on egg and larvae of tomato leaf miner (<i>tuta absoluta</i> (meyrick) (Lepidoptera: gelechiidae) (Matendo R E vcordcongoesther@gmail.com)- DRC
17:05 - 17:20	Presentation 15.9: Performance of <i>Solanum aethiopicum</i> Shum group accessions under repetitive drought stress (Mildred Julian Nakanwagi lkizito08@gmail.com)-Uganda
17:20 - 17:35	Discussion
17:35 - 17:50	Presentation 15.10: Inheritance of soybean rust resistance in Ugandan soybean genotypes (Maksoy 3N and UG 5) Hailay M.G himeri2002@gmail.com; himeri2004@yahoo.com)-Ethiopia
17:50 - 18:05	Presentation 15.11: Production of Frozen Potato Chips from Local Varieties grown in Uganda as an intermediate material for Production of French Fries (Bahati-Kajunju Napoleon Heri napkajunju@gmail.com)-Uganda
18:05 - 18:20	Presentation 15.12: Factors influencing storage of seed potato among smallholder agri-enterprises in Nakuru County, Kenya (Mutinda R.M. reddzmutinda@gmail.com)-Kenya
18:20 - 18:30	Discussion and Wrap-Up



PARALLEL TECHNICAL SESSION 16: University Research and Engagement in Key Emerging Food and Nutritional Security Developmental Challenges Hall: IMPALA/LAKE TURKANA

- **SESSION MODERATOR:** Prof. Victor Kasulu University-(kasulov@gmail.com)- Malawi
- **Rapporteur:** Sally Chikuta Sallychikuta@yahoo.com

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session
14:10 - 14:30	Key note speaker: Review on responsive management actions against Fall Army worm (<i>Spodoptera frugiperda</i> (JE Smith) in Kenya (Nderitu J. H. huria@uonbi.ac.ke)- Kenya Presentation 16.1: Analysis of agro-morphologic diversity of Zambian sesame (<i>Sesamum indicum</i> L.) Landraces
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 16.2: Resource use efficiency in tilapia production in Malawi (Mussa Happy mussahappy@gmail.com)-Malawi
14:55 - 15:10	Presentation 16.3: Assessment of wood utilization efficiency and acceptability of fish smoking technologies and fish frying for small scale fisheries of Nkhotakota district, Malawi (Makawa Z. ziomakawa@gmail.com)-Malawi
15:10 - 15:25	Presentation 16.4: Evaluation of growth performance of five local strains of <i>Oreochromis niloticus</i> in Ghana (Mireku K K kmireku@ucc.edu.gh or kkmireku2002@yahoo.com)- Ghana
15:25 - 15:40	Presentation 16.5: Value chain analysis of tilapia for small scale fish farmers: A case study of Mchinji and Dowa Districts (Mpango Sipriano mpangosipriano@gmail.com)-Malawi
15:40 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 16.6: Assessment of technical and economic feasibility of a Portable Aquaponic System (Mnelemba Peace Chemis pmnelemba@bunda.luanar.mw)-Malawi
16:35 - 16:50	Presentation 16.7: Effects of feeding frequency on growth performance, feed utilization and visceral indices of <i>Oreochromis shiranus</i> juvenile (Trewavas 1983) (Thokozire Gwaza gwazathokozire@gmail.com)-Malawi
16:50 - 17:05	Presentation 16.8: Growth and survival rate of portable-hatchery-bred fry and fingerlings of <i>oreochromis karongae</i> in earthen ponds and tanks (Chinguo C.M. madachinguo@gmail.com)-Malawi
17:05 - 17:20	Presentation 16.9: Aligning sustainable agriculture to sustainable development goals in Africa (Ogemah Vitalis vogemah@mmust.ac.ke)-Kenya

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PARALLEL TECHNICAL SESSION 16: University Research and Engagement in Key Emerging Food and Nutritional Security Developmental Challenges Hall: IMPALA/LAKE TURKANA

TIME	PRESENTATION TITLE
17:20 - 17:35	Discussion
17:35 - 17:50	Presentation 16.10: Literatures that reveal trends and gaps in Mealybug wilt of pineapple (MWP) studies: A systematic review Joseph Nyarko joseph.nyarko1@stu.ucc.edu.gh)- Ghana
17:50 - 18:05	Presentation 16.11: The existence and distribution of cassava bacterial blight in east Africa (Antony Livoi Musera livoiantony@gmail.com) - Kenya
18:05 - 18:20	Presentation 16.12: Production of frozen potato chips from local varieties grown in Uganda as an intermediate material for production of french fries (Bahati-Kajunju Napoleon Heri napkajunju@gmail.com)-Uganda
18:20 - 18:30	Discussion and Wrap-Up

PARALLEL TECHNICAL SESSION 17: Opportunities and Challenges in Agroecology and Natural Resource Sustainability Hall: AMPHI THEATRE

- **SESSION MODERATOR:** Prof Julius Kilungo - Dean School of Agriculture and Veterinary Sciences at SEKU (jkilungo@seku.ac.ke-Kenya)
- **Rapporteur:** Mayada Mamoun Beshir (mayadabeshir2015@gmail.com; anafeesa34@yahoo.com)- Sudan

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session
14:10 - 14:30	Key note speaker: Prof Julius Mwine Uganda Martyrs University (mwinetj@gmail.com)- Uganda Presentation 17.1: The position of agroecology to combat hunger and sustain food security among small scale farmers
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 17.2: Fostering institutional transformation: Lessons from iAGRI project at Sokoine University (Mark Erbaugh erbaugh.1@osu.edu)- USA
14:55 - 15: 10	Presentation 17.3: Opportunities and challenges of crop intensification production system on potato value chain in South Western Uganda (Ainebyona R. Roland ainebyoonar@yahoo.com)- Uganda

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PARALLEL TECHNICAL SESSION 17: Opportunities and Challenges in Agroecology and Natural Resource Sustainability Hall: AMPHI THEATRE

TIME	PRESENTATION TITLE
15:10 - 15:25	Presentation 17.4: Farmer preferred cassava cultivars and cassava mosaic disease prevalence in Bukedea and Kumi districts in Eastern Uganda (Faizo Kasule kfay337@gmail.com, kfay337@yahoo.com)- Uganda
15:25 - 15:40	Presentation 17.5: Rain water harvesting and nutrient intensification in small grain-legume farming systems in semi-arid Zimbabwe (Mutsamba-Magwaza Eleanor Florence gnyamadzawo@buse.ac.zw)-Zimbabwe
15:40 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 17.6: Rapid multiplication of cassava plantlets in the screenhouse using minicut technology (Charles Liri liricharles1976@gmail.com)- Uganda
16:35 - 16:50	Presentation 17.7: Restoration Status of Nakayiba Wetland, Masaka-Uganda (Bunyangha J jbjackson2011@gmail.com) -Uganda
16:50 - 17:05	Presentation 17.8: Pisciculture en milieux ruraux et péri-urbains du Sud-Kivu : Contraintes et opportunités (Akilimali I J justinakilimali2@gmail.com)- DR Congo
17:05 - 17:20	Presentation 17.9: Maize multiple-insect resistance genomic regions for a broader genetic and geographical background (Badji Arfang dabgarf42@gmail.com)- Senegal
17:20 - 17:35	Discussion
17:35 - 17:50	Presentation 17.10: Setting up optimum conditions for Macrotyloma geocarpum [(Harms) Maréchal et Baudet] seed production and handling in Benin (Sosso Hospice Samson hospiso@gmail.com)- Benin
17:50 - 18:05	Presentation 17.11: Consumer perceptions and attitude towards packed milk product (Okello Robine okellorobine@gmail.com)- Uganda
18:05 - 18:20	Presentation 17.12: Strategic approaches to circumvent Vitamin A and Iron deficiencies in children: A mini review (Adoko Melas Cayrol melascayroladoko@gmail.com)- Uganda
18:20 - 18:30	Discussion and Wrap-Up

PARALLEL TECHNICAL SESSION 18: Response by Academia and Stakeholders to Agrifood System Challenges

Hall: TSAVO A

- **SESSION MODERATOR:** Dr. Alice Mweetwa – University of Zambia (alicemweetwa@yahoo.com)
- **Rapporteur:** Mercy Ulemu ulemsiska@gmail.com- Malawi

TIME	PRESENTATION TITLE
14:00 - 14:10	Introduction of the Session
14:10 - 14:30	Key note speaker: Dr Jane Ambuko – jane.ambuko@uonbi.ac.ke University of Nairobi, Kenya Presentation 18.1: Postharvest training in Kenya: Universities' role to address the knowledge and skills gap in postharvest management
14:30 - 14:40	Discussion
14:40 - 14:55	Presentation 18.2: Korean agricultural and links to Africa (Mr. Byoung Kyun Jeon)- Korea
14:55 - 15:10	Presentation 18.3: Graduate Student, Graduate School of International Agricultural Technology, Seoul National University, PyeongChang, (Ms. Yongeun Lee yongeun.lee@snu.ac.kr)-Korea
15:10 - 15:25	Presentation 18.4: Korea's smallholder agriculture and opportunities for Africa (Sujung Heo christina_h@snu.ac.kr)- Korea
15:25 - 15:40	Presentation 18.5: Assessment of gender roles in potato production: A case study of Nakuru County, Kenya (Agbolosoo John A agbolosoojohn@gmail.com)- Benin
15:40 - 16:00	Discussion
16:00 - 16:20	Health Break
16:20 - 16:35	Presentation 18.6: Pig Value Chain in Uganda: Considering smallholders' functional upgrading prospects (Mugonya J mugonyajohn@gmail.com)- Uganda
16:35 - 16:50	Presentation 18.7: Effect of cropping pattern on the incidence of Sorghum downy mildew disease in Uganda (Frank Kumi frankkumifk@gmail.com)- Ghana
16:35 - 16:50	Presentation 18.8: Stability for descriptors of Solanum aethiopicum Shum (family Solanaceae) (Pamela Kabod pamelaabodi@gmail.com)- Uganda
17:05 - 17:20	Presentation 18.9: A review of available knowledge on aroma in rice (David Ocan lakocan@gmail.com)-Uganda
17:20 - 17:35	Discussion

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PARALLEL TECHNICAL SESSION 18: Response by Academia and Stakeholders to Agrifood System Challenges **Hall: TSAVO A**

TIME	PRESENTATION TITLE
17:35 - 17:50	Presentation 18.10: Determinants of consumer preferences for pork products in northern Uganda (Aciro L aciro93@gmail.com)- Uganda
17:50 - 18:05	Presentation 18.11: Knowledge & attitude towards consumption of fresh fruit and vegetables: A case of Gulu district (Lomira Benjamin lomira.lokaya@gmail.com)-Sudan
18:05 - 18:20	Presentation 18.12: Factors influencing storage of seed potato among smallholder agri-enterprises in Nakuru County, Kenya (Mutinda R.M. reddzmutinda@gmail.com) -Kenya
18:20 - 18:30	Discussion and Wrap-Up

Official Closing Ceremony

Programme for Closing Ceremony for Sixth African Higher Education Week
26th October 2018, Nairobi, Kenya

CLOSING CEREMONY

Session Chair: Mr. Harry Kimtai, Principal Secretary, State Department of Livestock, Ministry of Agriculture and Irrigation, Kenya

Session Rapporteurs: Francis Otto, David Ekepu and Moses Waswa, RUFORUM Secretariat

1500 - 1545	RUFORUM Recognition Awards for Young Innovators: Dr Anthony Egeru, Ag Deputy Executive Secretary Programme Development and Innovation, RUFORUM Secretariat
1530 - 1545	Call for Action- Moving forward Africa Agenda 2063: Hon. Obiageli K. Ezekwesili, Former Minister of Education, Nigeria
1545 - 1610	Summary of the 2018 Biennial Events: Professor Stephen Agong, Vice Chancellor, Jaramogi Oginga Odinga University of Science & Technology, Kisumu, Kenya
1610 - 1620	Conference Communiqué: Professor Teresa Akenga, Vice Chancellor, University of Eldoret, Kenya
1620 - 1630	Statement by Development Partner Representative: Dr. Mercy Karanja, Senior Programme Officer, Bill and Melinda Gates Foundation
1630 - 1640	Statement by Dr Elsadig Elhadi Elmahdi, Minister of Higher Education and Scientific Research, Sudan
1640 - 1650	Vote of Thanks: Professor Adipala Ekwamu, Executive Secretary, RUFORUM
1650 - 1700	Remarks by Hon. Amina Mohamed, Cabinet Secretary, Ministry of Education, Kenya
1700 - 1730	Closing Address by HE Hon. William Ruto, Vice President, Republic of Kenya
1930 - 2230	EVENING FUNCTION: CLOSING DINNER: Nairobi Safari Park Hotel



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Central	Burundi	1	University of Burundi	Bujumbura	2009	1964	Full Member	Public
	DRC	2	Université Catholique De Bukavu	Bukavu	2009	1989	Full Member	Private
	DRC	3	Université Evangelique en Afrique	Bukavu	2014	1991	Full Member	Private
	Cameroon	4	University of Beua	Buea	2017	1993	Full Member	Public
	Cameroon	5	Université de Dschang	Dschang	2018	1993	Full Member	Public
	Cameroon	6	Université de Ngaoundere	Ngaoundere	2018	1993	Full Member	Public
	Congo Brazzaville	7	Université Marien Ngouabi	Brazzaville	2017	1971	Full Member	Public
	Gabon	8	Masuku University of Science and Technology	Franceville	2017	1986	Full Member	Public
Eastern	Ethiopia	9	Bahir Dar University	Bahir Dar	2018	2001	Full Member	Public
	Ethiopia	10	Haramaya University	Alemaya	2009	1954	Full Member	Public
	Ethiopia	11	Jimma University	Jimma	2015	1999	Full Member	Public
	Ethiopia	12	Mekelle University	Mekelle	2009	1991	Full Member	Public
	Kenya	13	Chuka University	Tharaka Nihi County	2018	2004	Full Member	Public
	Kenya	14	Egerton University	Nakuru	2004	1987	Full Member	Public
	Kenya	15	Jaramogi Odinga University of Science and Technology	Bondo	2018	2013	Full Member	Public
	Kenya	16	Jomo Kenyatta University of Agriculture and Technology	Nairobi	2004	1981	Full Member	Public
	Kenya	17	Karatina University	Karatina	2017	2013	Full Member	Public
	Kenya	18	Kenyatta University	Nairobi	2004	1985	Full Member	Public
	Kenya	19	Masinde Muliro University of Science and Technology	Kakamega	2015	1977	Full Member	Public
	Kenya	20	Moi University	Eldoret	2004	1984	Full Member	Public
	Kenya	21	Pwani University	Kilifi	2018	2013	Full Member	Public
	Kenya	22	South Eastern Kenya University	Kitui	2017	2013	Full Member	Public
	Kenya	23	University of Eldoret	Eldoret	2013	1946	Full Member	Public
	Kenya	24	University of Nairobi	Nairobi	2004	1970	Full Member	Public
	Rwanda	25	University of Kibungo	Ngoma	2016	2003	Full Member	Private
	Rwanda	26	University of Rwanda	Kigali	2009	1963	Full Member	Public
	South Sudan	27	John Garang University	Bor, Jonglei State	2014	2006	Full Member	Public
	South Sudan	28	University of Juba	Juba	2010	1977	Full Member	Public
	Sudan	29	Peace University	West Kordofan	2015	2008	Full Member	Private
	Sudan	30	University of Dongola	Dongola	2018	1991	Full Member	Public
	Sudan	31	University of Gadarif	Al Qadarif	2018	1990	Full Member	Public
	Sudan	32	University of Gezira	Wad Medani	2009	1975	Full Member	Public
	Sudan	33	University of Khartoum	Khartoum	2015	1902	Full Member	Public
	Sudan	34	University of Kordofan	Al Ubayid	2009	1990	Full Member	Public
	Tanzania	35	Nelson Mandela Africa Institute of Science and Technology	Arusha	2014	2012	Full Member	Public
	Tanzania	36	Sokoine University of Agriculture and Technology	Morogoro	2006	1984	Full Member	Public
	Uganda	37	Bishop Stuart University	Mbarara	2016	2002	Full Member	Private
	Uganda	38	Bugema University	Kampala	2018	1948	Full Member	Private
	Uganda	39	Busitema University	Tororo	2014	2007	Full Member	Public
	Uganda	40	Gulu University	Gulu	2009	2002	Full Member	Public
	Uganda	41	Islamic University in Uganda	Mbale	2018	1988	Full Member	Private
	Uganda	42	Kyambogo University	Kampala	2009	2003	Full Member	Public

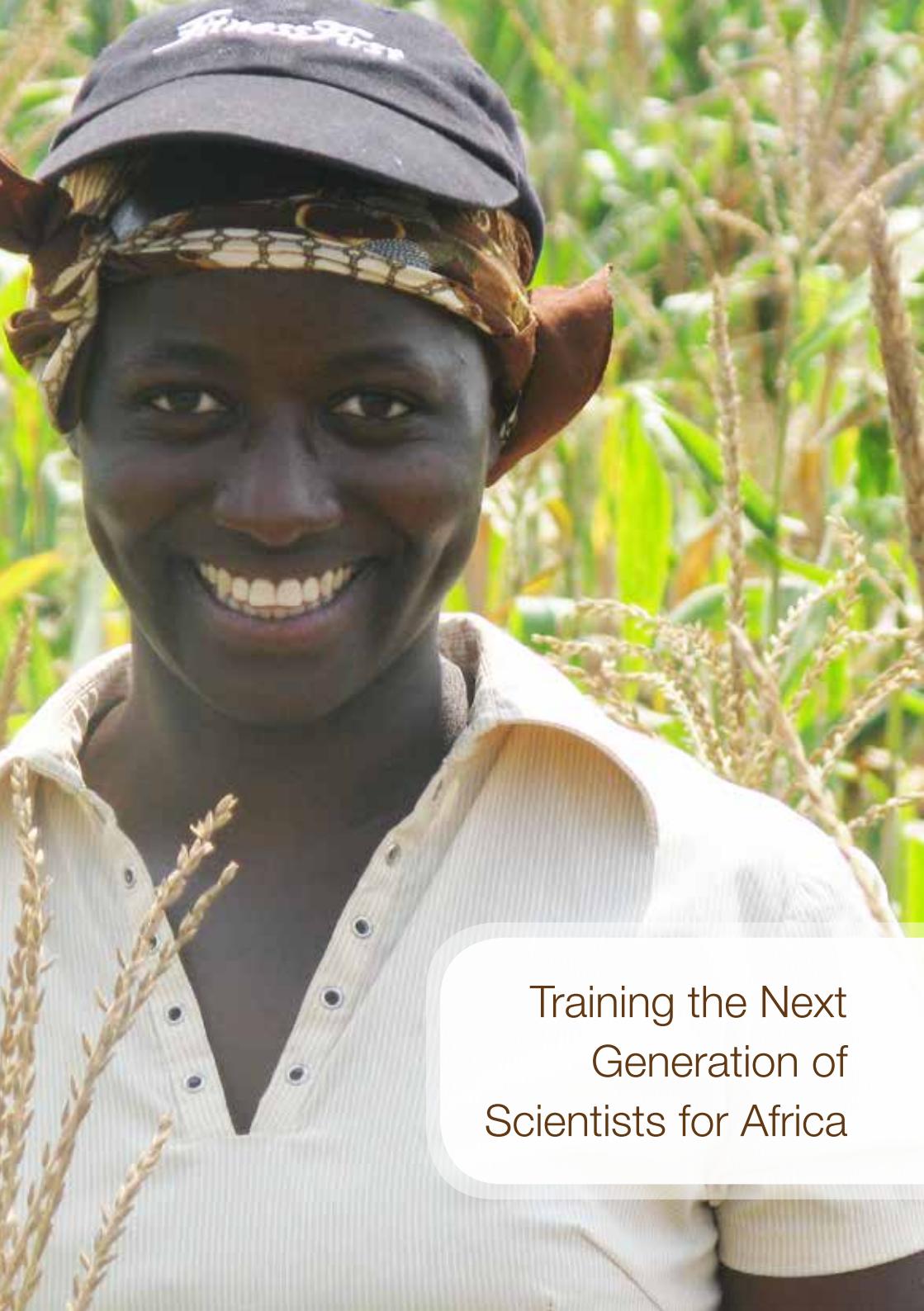
RUFORUM Member Universities

Region	Country	No.	University	City/ Town Location	Year of Joining RUFORUM	Year of Est.	Membership Status	Category
Eastern	Uganda	43	Makerere University	Kampala	2004	1922	Full Member	Public
	Uganda	44	Mbarara University of Science and Technology	Mbarara	2015	1989	Full Member	Public
	Uganda	45	Muni University	Arua	2016	2012	Full Member	Public
	Uganda	46	Ndejje University	Luwero	2014	1992	Full Member	Private
	Uganda	47	Soroti University	Soroti	2018	2013	Full Member	Public
	Uganda	48	Uganda Christian University	Mukono	2014	1997	Full Member	Private
	Uganda	49	Uganda Martyrs University	Nkozi	2009	1993	Full Member	Private
	Uganda	50	Uganda Technology and Management University	Kampala	2015	2012	Full Member	Private
Northern	Egypt	51	Cairo University	Cairo	2016	1908	Full Member	Public
	Morocco	52	Mohammed VI Polytechnic University (UM6P)	Benguerir	2017	2013	Full Member	Public
	Morocco	53	University of Hassan II Casablanca Ain Chok Casablanca	Casablanca	2017	1975	Full Member	Public
	Tunisia	54	Virtual University of Tunisia	Tunis	2018	2002	Full Member	Public
Southern	Botswana	55	University José Eduardo dos Santos	Huambo	2018	2009	Full Member	Public
	Botswana	56	Botswana University of Agriculture and Natural Resources (BUANR)	Gaborone	2009	1991	Full Member	Public
	Botswana	57	University of Botswana	Gaborone	2009	1982	Full Member	Public
	Eswatini		University of Eswatini	Luyengo	2009	1964	Full Member	Public
	Malawi	61	Lilongwe University of Agriculture and Natural Resources (LUANAR)	Lilongwe-Bunda	2012	2012	Full Member	Public
	Malawi	62	Malawi University of Science and Technology	Thyolo, Malawi	2015	2012	Full Member	Public
	Malawi	63	Mzuzu University	Luwinga, Mzuzu	2010	1997	Full Member	Public
	Malawi	64	Nkoma University	Nkoma, Lilongwe	2017	2016	Full Member	Private
	Malawi	65	University of Malawi	Zomba	2016	1966	Full Member	Public
	Mauritius	66	University of Mauritius	Reduit, Moka	2016	1965	Full Member	Public
	Mozambique	67	Eduardo Mondlane University	Maputo	2004	1962	Full Member	Public
	Mozambique	68	Universidade Católica de Moçambique (UCM)	Reitoria	2010	1996	Full Member	Private
	Mozambique	69	Universidade Zambeze	Beira	2018	2007	Full Member	Public
	Namibia	70	University of Namibia	Windhoek	2010	1992	Full Member	Public
	South Africa	71	Stellenbosch University	Stellenbosch	2013	1866	Full Member	Public
	South Africa	72	Tshwane University of Technology	Pretoria	2017	2004	Full Member	Public
	South Africa	73	University of Fort Hare	Alice	2015	1997	Full Member	Public
	South Africa	74	University of Free State	Bloemfontein	2014	1904	Full Member	Public
	South Africa	75	University of KwaZulu-Natal	Pietermaritzburg	2015	2004	Full Member	Public
	South Africa	76	University of Limpopo	Limpopo	2016	2005	Full Member	Public
	South Africa	77	University of Pretoria	Pretoria	2014	1908	Full Member	Public
	South Africa	78	University of South Africa (UNISA)	Pretoria	2016	1873	Full Member	Public
	South Africa	79	University of Venda	Thohoyandou	2014	1982	Full Member	Public
	South Africa	80	University of Western Cape	Cape Town	2018	1959	Full Member	Public
	Zambia	81	Copperbelt University	Kitwe	2014	1987	Full Member	Public
	Zambia	82	University of Zambia	Lusaka	2006	1966	Full Member	Public
	Zimbabwe	83	Africa University	Mutare	2004	1988	Full Member	Private
	Zimbabwe	84	Bindura University of Science Education	Bindura	2017	1996	Full Member	Public
	Zimbabwe	85	Chinhoyi University of Technology	Mosholanal West	2018	2001	Full Member	Public
	Zimbabwe	86	Great Zimbabwe University	Masvingo	2018	1999	Full Member	Public

RUFORUM Member Universities

Region	Country	No.	University	City/ Town Location	Year of Joining RUFORUM	Year of Est.	Membership Status	Category
Southern	Zimbabwe	87	Lupane State University	Bulawayo	2014	2005	Full Member	Public
	Zimbabwe	88	University of Zimbabwe	Harare	2004	1952	Full Member	Public
West	Benin	89	Université d'Abomey Calavi	Abomey-Calavi	2014	1970	Full Member	Public
	Côte d'Ivoire	90	Institut National Polytechnique	Yamoussoukro	2017	1996	Full Member	Public
	Côte d'Ivoire	91	Université Félix Houphouët-Boigny	Abidjan	2017	1964	Full Member	Public
	Ghana	92	University of Cape Coast	Cape Coast	2014	1962	Full Member	Public
	Ghana	93	University of Development Studies	Tamale	2018	1992	Full Member	Public
	Ghana	94	University of Ghana Legon	Accra	2018	1948	Full Member	Public
	Liberia	95	University of Liberia	Monrovia	2017	1862	Full Member	Public
	Mali	96	Institut Polytechnique Rural de Formation et de Recherche Appliquée (IPR/IFRA)	Mali	2016	1897	Full Member	Public
	Nigeria	97	Bayero University of Kano	Kano	2017	1962	Full Member	Public
	Nigeria	98	Federal University of Technology Minna	Minna	2018	1983	Full Member	Public
	Nigeria	99	Federal University of Technology Owerri	Owerri	2016	1980	Full Member	Public
	Nigeria	100	University of Nigeria Nsukka	Nsukka	2018	1955	Full Member	Public
	Nigeria	101		Port Harcourt	2014	1975	Full Member	Public
	Côte d'Ivoire	101	Institut National Polytechnique	Yamoussoukro	2017	1996	Full Member	Public
	Senegal	102	Université Cheikh Anta Diop de Dakar	Dakar	2017	1957	Full Member	Public
	Senegal	103	Université Sine Saloum El hadj Ibrahima NIASS (USSEIN)	Dakar	2016	2013	Full Member	Public
	Sierra Leone	104	Njala University	Bo and Njala	2017	1964	Full Member	Public
	Togo	105	University of Lomé	Lome	2018	1970	Full Member	Public

Membership status as of October, 2018



Training the Next
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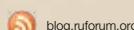


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