

### **COMMISSION FOR UNIVERSITY EDUCATION**

In collaboration with:

UNIVERSITIES AND RESEARCH INSTITUTIONS

## 1<sup>ST</sup> BIENNIAL CONFERENCE ON THE STATE OF HIGHER EDUCATION IN KENYA

Kenyatta University, Nairobi, Kenya.

22<sup>nd</sup> – 25<sup>th</sup> August 2016

Theme : "Quality University Research and Innovation"

# **CONFERENCE PROGRAMME**

### STATUS CONFERENCE ON HIGHER EDUCATION 21<sup>st</sup> AUGUST 2016: ARRIVAL OF GUESTS Coordinated by Commission for University Education

 $22^{ND} - 25^{th}$ , 2016

Time	DAY 1: MONDAY 22 <sup>ND</sup> AUGUST 2016	EVENT MOVER	VENUE
07:00 – 08:00	Registration	Secretariat	
08:00 -	Official Opening Programme	Prof. David Some	KU Amphitheatre
10:30	Welcoming RemarksProf. Paul Wainaina, Ag. Vice chancellor, Kenyatta UniversityWelcoming Remarks & Invites other CEOs (5 Minutes each)		
	Prof. David K. Some , Commission Secretary, CUE Remarks: Dr. John Muraguri, KUCCPS	_	
	Remarks: Dr. Moses Rugutt, NACOSTI	_	
	Remarks: Dr. Kipkirui Lang'at, TVETA		
	Remarks: Mr. Charles Ringera, HELB		
	<b>Remarks :</b> <i>Prof. H. Thairu, Chairman, Commission for University Education</i>		

<b>Remarks :</b> <i>Prof. Collette Suda, Principal Secretary, Ministry of Education</i>		
SPEECH & OFFICIAL OPENING OF THE CONFERENCE DR. FRED O. MATIANG'I, Cabinet Secretary, MOEST	Eliza Mbatia (CUE) /Prof. Grace Mbunyi (KU)	Outside KU Amphitheatr
LAUNCH OF UNIVERSITY STATUS REPORT by Dr. Fred Matiang'i, Cabinet Secretary, MOEST		
Photo Session	Eliza Mbatia/John Mutethia, CUE	

	Plenary Session 1: Keynote Addresses: Status of University Education		KU-Amphitheatre
11:00 – 11:20	<b>Dr. Eusebius Mukhwana, Deputy Commission Secretary, Planning</b> <b>Research and Development, Commission for University Education</b> (CUE), Kenya: The State of University Education in Kenya	<b>Chair:</b> Prof. Henry Thairu, Chairman Commission for University Education, Kenya	
11:20 – 11:40	<b>Prof. Alexander Lyambabaje, Executive Secretary, Inter-university</b> <b>Council of East Africa:</b> <i>Higher Education in East Africa: Creating an</i> <i>Educational Hub</i>	Rapporteur: Dr. Peace Agufana / Isaac Gathirwa, CUE	
11:40 – 12:00	<b>Prof. John Wood, Secretary General, Association of Commonwealth</b> <b>Universities:</b> Envisioning a 21 <sup>st</sup> Century University: The Global Perspective		
12:00 – 12:20	<b>Dr. Helmut Blumbach, Director, DAAD Regional Office for Africa,</b> <b>Nairobi:</b> Internationalization of Higher Education: The case of Kenya- Germany		
12:20 – 13:00	<b>Plenary Discussion on Keynote Addresses - Discussants:</b> <i>Eusebius Mukhwana, Alexander Lyambabaje, John Wood, Helmut Blumbach</i>		
	DAY 1: Lunch Break		·

	Plenary Session 2: Role of Research in Policy Making and National Development		KU Amphitheatre	
14:00 – 14:20	Dr. Onu Ogbonaya, Minister of Science & Technology, Nigeria – Session Keynote Speaker: Translating Research into innovations			
14:20 – 14:40	<b>Prof. Peter M. F. Mbithi, VC, University of Nairobi -</b> <i>Building Globally Competitive Universities for Africa: experiences from the North and the South –</i> <b>Session lead speaker</b>	<b>Chair:</b> Prof. Prof. Ratemo Michieka, University of Nairobi		
14:40 – 15:00	Dr. Moses Ruggut, CEO, National Commission for Science, Technology and Innovation (NACOSTI): Harnessing the potential of Science, Technology and Innovation in Kenya			
15:00 – 15:20	<b>Prof. Ben Ozumba, VC , University of Nigeria, Nsukka – Session</b> <b>Keynote Speaker:</b> <i>Transforming Africa's Development Agenda through</i> <i>Research to Innovations</i>			
15:20 – 15:50	<b>Dr. Kipkirui Langat, Director General, TVETA:</b> Linking Vocational Education with University Education in Kenya: Challenges and Opportunities	Rapporteur: Hyrine Matheka /' Angela Nyang'era, CUE		
15:50 – 16:30	Plenary Discussion on Keynote Addresses - Discussants: Onu Ogbonaya, Peter M. Mbithi, Moses Rugutt, Ben Ozumba,, Kipkirui Langat			
16.30-17.30	Visit to exhibitions/Posters			
	Health Break & End of Day 1			

18:00- 20:00	THOMSON REUTERS OEPENING DINNER AT KENYATTA	Coordinator: Prof. Grace	KUCC – Open
	UNIVERSITY	Bunyi (KU) and Prof	Ground
		(CUE)	

Time	DAY 2: TUESDAY 23 <sup>RD</sup> AUGUST 2016	EVENT MOVER	VENUE
07:00 - 08:30	Registration	Secretariat	

	DAY 2 Plenary Session: Evolution and Status of Higher Education		KU-Amphitheatre	
08:30 – 08:50	<b>Prof. Calestous Juma, Harvard University – Lead Speaker:</b> Global Competition in Higher Education: Lessons for Africa	Chair: Prof. Francis Aduol (VC Technical University of Kenya) Rapporteur: Dr. Lucy Ogol, Kenya Institute of Curriculum Development (KICD)		
08:50 – 09:10	<b>Charles Ringera, CEO, Higher Education Loan Board (HELB), Kenya</b> – <b>Lead Speaker:</b> Sustainable Financing of Higher Education In Kenya: Lessons and way forward for Africa.		Rapporteur: Dr. Lucy	
09:10 - 9:30	<b>Prof. Harry Kaane, Ministry of Education Science and</b> <b>Technology/Moi University - Lead Speaker:</b> History and Future of Higher Education in Kenya			
09:30 – 9: 50	Mr. John Muraguri, CEO, KUCCPS – Lead Speaker: Evolution of the Placement service for students to Universities and Colleges in Kenya: Lessons and way forward for Africa			
009:50 – 10:10	Jeff Clovis, Thomson Reuters – Lead Speaker: From research to innovation in Africa: Developing indicators to understand the translation of academic research to innovation in Africa			
10:10:- 10:50	Plenary Session Discussion 1 (Q & A) - Discussants: Charles Ringera, Harry Kaane, John Muraguri and Jeff Clovis			
10:50- 11:20	Health Break			

	DAY 2 Morning Parallel Session 2.1: Assuring Quality in Higher Education		KU-BSCC 012
11:20 – 11:35	<b>Prof. Anne Nangulu, Deputy Commission Secretary (Quality Audit &amp; Standards), CUE, - Session lead speaker:</b> <i>Quality Assurance in University Education in Kenya and Benchmarking with International Practices: The Role of Universities and Commission for University Education</i>	Chair: Prof K Kipngeno, University of Kabianga Rapporteur: Phyllis Karimi / Monica	
11:35 – 11:50	John P. Bwire, Kenyatta University (KU): The Place and Quality of Parallel Programs in Institutions of Higher Learning: A Case for Kenyatta University and St. Paul's University -	Gachunga, CUE	

11:50 – 12:05	Arun Datta, Technical University of Kenya: Knowledge and Attitude of Secondary School Students about TVET	
12:05 – 12:20	<b>Purity W. Muthima &amp; Edward Kanori, Kenyatta University &amp; UoN:</b> Demand Factors influencing Alternative mode of study: A Case of University of Nairobi External Degree Programme	
12:20 – 12:35	Alice Kande, J. Too & E. Mukhwana, Moi University: University Funding in Kenya: Status, Challenges, effects on Quality and Prospects	
12:35 – 13:05	Parallel Session 2.1 Discussion of the presentations (Q & A)	
13:05 – 14:00	DAY 2: Lunch Break	

	DAY 2: Morning Parallel Session 2.2: Evolution and Status of Higher Education 11		KU-BSCC 014
11:20 – 11:40	<b>Dr. Julius Jwan, CEO, KICD - Session Lead Speaker -</b> <i>Re-Aligning Higher Education Curriculum with the 21<sup>st</sup> Century</i>	<b>Chair:</b> Prof. Simon Onywere, Kenyatta University	
11:40 – 12:00	<b>Beatrice A. Bunyasi &amp; Paul K. Mbugua, Kenyatta University:</b> Accessibility to Higher Education by students with disabilities: The Case of Kenyatta University	Rapporteur: James Kiarie/Hudson Nandokha, CUE	
12:00 – 12:15	<b>K'Owino Isaac O. Masinde Muliro University of Science and</b> <b>Technology (MMUST), Kenya,</b> <i>Health and Safety in The Kenya Higher</i> <i>Education Institutions</i>		
12:15 – 12:30	<b>Lillian C. Boit, Kenyatta University:</b> <i>Employability skills and job</i> <i>opportunities for the Graduate: The Role of Higher Education Institutions</i>		
12:30 – 12:45	<b>Dr. Lucy Ogol, Kenya Institute of Curriculum Development (KICD):</b> Studying approaches among Technical Education students, Nairobi, Kenya		
12:45 – 13:05	Parallel Session 3 Discussion of the presentations (Q & A)		

 13:05 –
 DAY 2: Lunch Break

 14:00
 DAY 2: Lunch Break

	DAY 2: Morning Parallel Session 2.3: Quality of Post Graduate Research and Training I		KU-BSSC 280
11:20 – 11:40	<b>Prof. Peter Ngure, APHRC Session lead Speaker:</b> Expanding The Africa Postgraduate Training Arena: lessons and way forward	<b>Chair:</b> Prof. Vincent Onywera, Kenyatta University	
11:40 – 12:00	<b>Prof. Ambassador. Ruthie Rono, USIU (A) – Session Lead Speaker</b> : <i>Quality of Post Graduate Research Training in Africa</i>	Rapporteur: Sarah Ooro/Elizabeth Onyango, CUE	
12:00 – 12:15	<b>Peter A.M Mwaura, Kenyatta University:</b> Points of Concern in the Quality Standards of Academic Research in Kenya: Implication to University Research Pedagogy		
12:15 – 12:30	<b>Dorothy N. Kyalo, Angeline Sabina Mulwa &amp; Adeline M. Mbith,</b> <b>University of Nairobi,</b> Research training in Africa: Re-Defining Post Graduate mentoring for Quality Outcome in Higher Education		
12:30 – 12:45	<b>Kebeya Hilda, Kenyatta University,</b> <i>Promoting Academic Integrity: A Survey of Selected Postgraduate Programs at Kenyatta University</i>		
12:45 – 13:05	Parallel Session 2.3 Discussion of the presentations (Q & A)		
13:05 – 14:00	DAY 2: Lunch Break		

	<b>DAY 2: Morning Parallel Session 2.4:</b> <i>Sustainability of Funding Education &amp; Research in Africa</i>		KU-BSSC 281
11:20 – 11:40	<b>Prof. Dr. F.W.O Aduol, Technical University of Kenya – Session Lead</b> <b>Speaker -</b> Differentiated Unit Cost And Its Application: Potential Impact On Kenya's Higher Education	Chair: Prof. Francis Wambalaba Rapporteur: Dr. Benter	
11:40 – 12:00	<b>Dr. Alex Ezeh, Executive Director, Executive Director of the African</b> <b>Population and Health Research Center (APHRC) – Session Lead</b> <b>Speaker:</b> Landscape of Research and Development in Africa: Challenges	Atieno, Technical University of Kenya/Pius	

	and Opportunities	Walela, CUE	
12:00 – 12:15	<b>Prof. Vincent O. Onywera, Kenyatta University:</b> Strategic Partnership for enhanced Research, Innovation and Uptake: The KIDSCAN Research Alliance		
12:15 – 12:30	<b>Rono Kiplangat &amp; Christopher Omusula, Kenyatta University,</b> Sustainable Funding of Science Based Courses: A Prerequisite to Attainment of Technical Knowledge and Skills for Industrialized Africa		
12:30 – 12:45	Muganda Manini and Umulkher Ali Abdillahi, MMUST: Sharia Compliant Student Loan-Backed Securitization for Higher Education Loans in Kenya		
12:45 – 13:05	Parallel Session 2.4 Discussion of the presentations (Q & A)	-	
13:05 – 14:00	DAY 2: Lunch Break		

	DAY 2: Morning Parallel Session 2.5: <i>Building Sustainable Globally</i> <i>Competitive Higher Education Institutions I</i>		KU-BSSC 152
11:20 – 11:40	<b>Prof Meoli Kashorda, KENET - Session lead speaker:</b> <i>Trends in</i> <i>Training of Engineering students in Kenya: lessons for Reaching vision</i> 2030	Chair: Prof. Walter Oyawa	
11:40 – 12:00	<b>Prof Shem Wandiga, Centre for Science and Technology Innovations- Session lead speaker:</b> Forging Strategic Higher Education Linkages for Development	<b>Rapporteur:</b> Dr. Hussein Ali, UMMA/Gertrude Mabele, CUE	
12:00 – 12:15	<b>Priscilla Wanjiku Ndegwa, Kenyatta University:</b> Effectiveness of Performance Contracting Processes in Promoting Higher Education in Universities in Kenya		
12:15 – 12:30	John O. Shiundu, James B. Ouda & Rose A. Opiyo, MMUST: Governance in Higher Education: Leadership Prospects and Challenges of Public Universities in Kenya		
12:30 – 12:45	Simon Onywere, Solomon Mwenda, Victor Okoth, Alex Asige and Benson Mwangi, Kenyatta University: Kenyatta University's Journey towards Empowering the University community with Spatial Thinking and		

	Practical Skills for impact oriented problem solving	
12:45 – 13:05	Parallel Session 2.5 Discussion of the presentations (Q & A)	
13:05 – 14:00	DAY 2: Lunch Break	

	<b>DAY 2: Morning Parallel Session 2.6:</b> <i>NICHE Session: Promoting</i> <i>Quality University Education PhD Students Session, Sponsored by</i> <i>NICHE Project</i>		KU-BSSC 273
11:00 – 11:15	Gilbert Opanga: Tracking Student Experiences as Universities in Kenya	<b>Chair:</b> Prof. Adrian Hoffman, University of Groningen	
11_15 – 11:30	<b>Elizabeth Onyango</b> : Are we meeting Market expectations? Graduate Tracer Studies in Kenya	Rapporteur: Leah Kaburu/Gilbert Opanga, CUE	
11:30 – 11:45	<b>Lynette Kisaka</b> : Fostering Gender and Diversity at Public Universities in Kenya		
11:45 – 12:00	Hudson Nandokha: Assuring the Quality of Teacher Education Programs in Kenya		
12:00 – 12:15	<b>Hyrine Matheka</b> : Monitoring and Evaluating Universities in Kenya: New Frontiers		
12:15 – 12:30	<b>Benson Gatubu</b> : Governance and its impact on the Quality of University Education in Kenya		
12:30 – 12:45	Monica Gachunga: Ranking and Rating: Is Kenya Ready for it?		
12:45 – 13:00	<b>Isaac Gathirwa</b> : Policy and Legal reforms in Kenya and their impact on the Growth and Quality of University Education in Kenya		
13:00 – 13:15	<b>Pius Walela</b> : Using MIS to improve management in the University Sector in Kenya		
13:00 – 13:30	Parallel Session 2.6 Discussion of the presentations (Q & A)		

13:00 – 14:00	DAY 2: Lunch Break		
	DAY 2: Afternoon Parallel Session 2.7: Evolution and Status of Higher Education 111		KU-BSSC 014
14:00 – 14:20	Henry O. Ayot & Samson O. Ondigi, Kenyatta University – Session Lead Speaker: The Genesis of School of Continuing Education at Kenyatta University Through Self-Sponsored Programme and its effects on Education in Kenya	<b>Chair:</b> Prof. Madara Ogot, University of Nairobi	
14:20 – 14:35	<b>Prof. Jan Deinum, University of Groningen:</b> Developing a data collection system for Kenya: Lessons and experiences	Rapporteur: Jackson Wachira Muthengia, Embu University College, Kenya/	
14:35 – 14:50	<b>Benjamin Kyalo Wambua, Moi University:</b> Research Utilization among University Academic Staff in Kenya: A Case of Education, Arts and Social Sciences	Benson Gatubu, CUE	
14:50 – 15:05	<b>Catherine N. Nandain, Technical University of Kenya:</b> Uncertainty in Universities in Kenya: The Role of Public Relations Function		
15:05 – 15:20	<b>Christine Wasanga and Merecia Anne Sirera, Kenyatta University:</b> <i>Towards evidence based approach in education policy-making for socio-</i> <i>political and economic development in Kenya</i>		
15:20 – 15:35	<b>Ezra Maritim &amp; Fred Keraro, Egerton University:</b> Mainstreaming Open and Distance Learning in Higher Education in Kenya: Prospects and Challenges		
15:35 – 16:00	Q & A Session		
16:00 - 16:30	Health Break		
	<b>DAY 2: Afternoon Parallel Session 2.8:</b> <i>Quality of Post Graduate</i> <i>Research and Training I</i>		KU-BSSC 012
14:00 – 14:20	<b>Beatrice Maina, APHRC – Session Lead Speaker</b> : The contribution of student leadership to PhD training in Africa: Examples from Consortium for Advanced Research Training in Africa program	Chair: Prof James Kung'u, Kenyatta University Rapporteur: Dr Susan	
14:20 – 14:35	<b>David Nandasaba Musuya, and Mary M Waruguru, Kibabii</b> <b>University:</b> <i>Knowledge Management Practices and Sustainable Research</i>	Wasike, MMUST/prof.	

	in Kenya.	Marcella Mwaka, CUE	
14:35 – 14:50	<b>Fuchaka Waswa, Akunga Daniel, Makori Obonyo, Mahiri Joseph,</b> <b>Itolondo Winfrida, Kenyatta University:</b> Interrogating the Harmonized Promotion Criteria for Human Development in the Context of Sustainable Quality Assurance in Kenya's University Education		
14:50 – 15:05	<b>G.A Owiti, Egerton University:</b> A Utilitarian Approach to Analysis of Education in Kenyan Public Universities		
15:05 – 15:20	<b>George Mathenge Wairungu, Kenyatta University:</b> <i>Qualitative</i> <i>Research in Special Education: Most Common Errors Made by Graduate</i> <i>Students and Beginning Researchers in preparation, data collection and</i> <i>data analyses Phases of Research.</i>		
15:20 – 15:35	<b>Gladys J. Mengich, MMUST,</b> <i>Identification of Competencies for</i> <i>Professional Training: A Case Study on Physiotherapy Course at the</i> <i>Kenya Medical Training College, Nairobi</i>		
15:35 - 16:00	Q & A Session		
16:00 – 16:30	Health Break		
	DAY 2: Afternoon Parallel Session 2.9: <i>Quality of Post Graduate</i> Research and Training II		KU-BSSC 280
14:00 – 14:20	Jackson Too, Alice Kande & Silas Oure, Commission for University Education (CUE) – Session Lead Speaker: Staffing Needs in Higher Education: The Fluidity of Gender and Ratio Dynamics in the University Sector	<b>Chair:</b> Joseph Musyoki, CUE	
14:20 – 14:35	<b>Hellen Kiende and Mukirae Njihia Kenyatta University:</b> Adequacy of post graduate research methodology training: a case of the School of Education, Kenyatta University		
14:35 – 14:50	<b>Henry N. Kemoni, MMUST:</b> <i>Postgraduate Quality Education and</i> <i>Research at Masinde Muliro University of Science and Technology, Kenya</i>	Rapporteur: Jean Claude	
14:50 – 15:05	<b>Isaac. Mwangi, Kenyatta University:</b> <i>ICT integration in higher</i> <i>education: a comparison of policies and practices in Kenyan universities</i>	Zigama, University of Eldoret/Michael Tanui,	
15:05 – 15:20	J. M. Kihoro, Elizaphan M. Maina , Peter N. Ndirangu, and John Kanyaru, Kenyatta University: <i>Transforming Examinations processing</i>	CUE	

	and Management at Universities: An ICT Solution		
15:20 – 15:35	Grace Bunyi, Martin Ogola, Mukirae Njihia & Joyce Wangia, Kenyatta University: Trends and Status of Social Science Post-graduate Research Training in Kenya		
15:35 – 16:00	Q & A Session		
16:00 - 16:30	Health Break		
	DAY 2: Afternoon Parallel Session 2.10: Building Sustainable Globally Competitive Higher Education Institutions I		KU-BSSC 281
14:00 – 14:20	James Biu Kung'u, Kenyatta University – Session Lead Speaker: Overcoming Challenges in University Education in Africa in the 21st century	<b>Chair:</b> Prof Dickson S. O. Owiti, MMUST	
14:20 – 14:35	Julius K. Maiyo, Kibabii University: Assessment of Lecturers Perceptions on Students-Lecturers Evaluations in Higher Education Institution in Kenya	Rapporteur: Aloys Mosima Osano, Maasai Mara University/ Valeria Onsando, CUE	
14:35 – 14:50	Kaumbulu Fredrick Kyalo, Esther Njeri Njoroge Kisii University: Translating Academic Research into Innovation; Implementation of Academic Studies in To Policy and Practice in Kenya		
14:50 – 15:05	<b>Kyalo B. Wambua, Moi University,</b> Assessment of Research Utilization among University Academic Staff In Kenya: A Case of Education, Arts and Social Sciences		
15:05 – 15:20	Leah Wanjama, Kenyatta University: Transforming the Academic Curriculum for Advancing Science, Technology and Innovation: A Reflection on the status of inclusion of women and girls in Science, Technology and Innovation in Kenya Public Universities		
15:20 – 15:35	Lynette G. Kisaka, Jackson K. Too and Eusebius J. Mukhwana, Commission for University Education (CUE): The Gap between policy making and Implementation in Higher Education Sector in Kenya		
15:35 – 16:00	Q & A Session		
16:00 – 16:30	Health Break		

	<b>DAY 2: Afternoon Parallel Session 2.11: :</b> <i>Evolution and Status of Higher Education 1V</i>		KU BSCC 273
14:00 – 14:20	Madara Ogot, University of Nairobi – Session Lead Speaker: Is the Research Agenda of Kenyan Universities aligned to realizing Vision 2030?	<b>Chair:</b> Dr. Rose Okoyo Opiyo, University of	
14:20 – 14:35 14:35 – 14:50	Maina M, Njeri N., Musundire R., Muasya R, Mezzetti B., Stuetzel H., Bua B., Kenyatta University: Developing teaching and curriculum skills of university academic staff: lessons from the EDULINK-ESA projectMaina Mwangi, Kenyatta University: Strategies for strengthening research competitiveness in African Higher Education Institutions	Nairobi Rapporteur: Michael Lusinde, CUE	
14:50 – 15:05	<b>Tirus Muya Maina, Murang'a University College:</b> An Audit of ICT Funding on Effective Integration of ICT's In Selected TVET Institution in Kiambu and Murang'a County, Kenya		
15:05 – 15:20	<b>Onesmus Muroki wa Thuo, Kenyatta University:</b> <i>Translating Academic</i> <i>Research into Innovation: Assessing the Relationship Between</i> <i>Development and Innovation Policy and University-based Innovation for</i> <i>Knowledge-based Development in Kenya</i>		
15:20 – 15:35	Harriet Njui, Riara University: Transforming University Education through inclusive Classrooms		
15:35 – 15:50	<b>Agnes M. Gachau, Technical University of Kenya:</b> Unpacking the link between University Programs and Employability through Graduate Tracer Studies: Case of TU-K		
15:50 – 16:15	Q & A Session		
16.15-17.00	Visit to Exhibitions and Posters		
17:00 – 17:30	Health Break		

#### POLICY HOT SEAT

TimeDAY 3: WEDNESDAY 24 <sup>TH</sup> AUGUST 2016EVENT MOVERVENUE
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07:30 - 08:30	Registration	Secretariat	
00.00			

	Plenary Session		KU-BSCC 014
08:30 - 08:40	Dr. Eusebius Mukhwana; – Introduction of pertinent issues Affecting university Education in East Africa.	Chair: Dr. Eusebius J. Mukhwana, DCS PRD	KU-Amphitheatre
08:35 – 09.00	<ul> <li>-5 Minute pronouncements on Pertinent issues in the University Sector</li> <li>Prof. Innocent Mugisha, Higher Education Council, Rwanda</li> <li>Prof. David Some, CUE, Kenya</li> <li>Prof. Peter Mbithi, University of Nairobi</li> <li>Dr. Kevit Desai, Linking Industry with Academia</li> <li>Prof. Ezra Maritim, Egerton University/Former Cahir CHE</li> <li>Prof. Alexandre Lyambabaje, IUCEA</li> </ul>	<b>Rapporteur:</b> Prof. J. Too, CUE	
09.00- 11.00	Policy Hot Seat: Engagement between Panel members and the Audience (live coverage)		
10:40 - 11:00	Health Break		

	DAY 3: SHE Parallel Session 3.1: Sub–Theme 2: Promoting Science & Technology Research		KU-BSCC 014
11:00 – 11:20	<b>Dr. Evans Kituyi, IDRC - Session Lead Speaker:</b> Linking Research with technology Development and transformation of lives	Chair: Dr. Stephen Karimi – NACOSTI	
11:20 – 11:35	Joseph Musyoki, Commission for University Education, University Accreditation systems in Kenya: Ensuring relevance and Employability of Graduates	Rapporteur: Monicah Ngendo, KUCCPS	
11:35 – 11:50	Abubakar, K., Jude, J., Yusuff, A. S, Emmanuel, O. G., National Centre for Technology Management (NACETEM), Nigeria: Driving Collaboration for Innovation in Nigeria Manufacturing Industry		
11:50 – 12:05	<b>Dr. Beatrice Odera -Kwach, CUE</b> , Changing information systems and their impacts on the Quality of University Education in Kenya.		
12:05 -	Dulo Nyaoro, Peace Institute, Moi University: Participatory Development		

12:20	Approach – Completing Participation Circle to Reduce Adverse Effects of Development in Kenya		
12:20 – 12:35	<b>Ongera Gilbert, University of Kabianga:</b> <i>Promoting science and technology education for all: A challenge for African Countries</i>		
1235 - 1300	Visit Exhibitions site		
DAY 3: Lunch Break			

	DAY 3: SHE Parallel Session 3.2: Sub-Theme 6: Transforming the Academic Curriculum for Advancement of Science, Technology and Innovation		KU-BSCC 012
11:00 – 11:20	<b>Dr. Sylvance A. Sange, KIPI Session Lead Speaker</b> - <i>Trends and evolution in patenting and other protections in Kenya</i>	<b>Chair:</b> Prof. Marion Mutugi	
11:20 - 11:35	Yusuff, A. S, Jude, J., Abubakar, K., & Emmanuel, O. G., 1National Centre for Technology Management (NACETEM), Nigeria: <i>Redesigning Tertiary</i> <i>Institution Academic Curriculum in Science, Technology, Engineering and</i> <i>Mathematics (STEM) Subjects for an Improved Science, Technology and</i> <i>Innovation (STI) Practice in Nigeria-</i>	<b>Rapporteur:</b> Dr. Benson Murgor, CUE	
11:35 – 11:50	<b>Elizabeth Were, Kenya Methodist University:</b> Enhancing Innovation Through Postgraduate Research Supervision: Challenges and Prospects-		
11:50 – 12:05	<b>Dickson S. O. Owiti, MMUST:</b> <i>Curriculum Innovation: The Key to Quality</i> <i>STEM Education for Development in Africa Under the</i> 21 <sup>st</sup> <i>Century Sky</i> -		
12:05 – 12:20	<b>Jackson Too &amp; Mureithi Njeru, Moi University:</b> A False Start of Science and Technology in Africa: The Case of Kenya		
12:20 – 12:35	<b>Jean Claude Zigama, &amp; Jackson Too, University of Eldoret:</b> One Laptop Per Child in Kenyan Primary Schools: Moving From Toys to Thinking Tools		
12:35 - 13:00	Visit Exhibitions site		
13:00 – 14:00	DAY 3: Lunch Break		

	<b>DAY 3: SHE Parallel Session 3.3:</b> Sub: – Theme 1: Engaging International Science & Technology collaborations, Linkages and Partnerships		KU-BSSC 280
11:00 – 11:20	<b>Prof. Wellington Otieno, Director RESTECH</b> - <i>Session Lead Speaker</i> : A <i>Model of Research Cooperation</i>	Chair: Prof. Eucharia Kenya	
11:20 - 11:35	<b>Gichana James Ongwae, Jomo Kenyatta University of Agriculture and</b> <b>Technology (LKUAT), Kenya:</b> Towards Improving Sustainable Funding of Research in Science, Technology, Innovation and Entrepreneurship for Development in Africa	Rapporteur: Dr Benjamin K. Wambua, Moi University	
11:35 – 11:50	<b>Emilio Ovuga, Gulu University, Uganda:</b> <i>Positioning SHE in Africa's Development</i>		
11:50 – 12:05	James, J. I., Yusuff, A. S., Abubakar, K. Emmanuel, O. G, National Centre for Technology Management, NACETEM, Naigeria: Assessing the Impact of International Science and Technology collaborations on the Health Sector in West Africa – The Case of Ebola in Nigeria		
12:05 – 12:20	<b>Emmanuel, O., Jude, J., Yusuff, A. &amp; Abubakar, National Centre for</b> <b>Technology Management, NACETEM, Naigeria:</b> <i>Promoting R &amp; D in</i> <i>Nigerian Small and Medium Scale Enterprises</i>		
12:20 – 12:35	Macharia N. Anthony, Kenyatta University: Potential Benefits of Using Teaching Kits in Inquiry-Based Learning in Geosciences		
12:35 - 13:00	Visit Exhibitions site		
13:00 - 14:00	DAY 3: Lunch Break		

	<b>DAY 3: SHE Parallel Session 3.4:</b> Sub–Theme 4: Addressing Human Capital priorities for a technologically driven nation		KU-BSSC 281
11:00 – 11:20	<b>Kevit Desai, LIWA - Session Lead Speaker</b> : Linking Industry with Academia: The journey we have travelled and lessons for the future	<b>Chair:</b> Millicent Omukaga, Commissioner CUE	
11:20 – 11:35	Oigo, E. Bosibori & Isika, Juliet K.: Clothing and Textile Research in Kenya:	Rapporteur: Ken	

	Challenges and Opportunities	Ntongondo, CUE	
11:35 – 11:50	<b>Leon Mutesa, University of Rwanda, Kigali, Rwanda,</b> <i>New Innovative intervention and Evidence Towards Malaria Elimination in Rwanda: Experience from MEPR Project in Ruhuha Sector in Bugesera (2011-2016)</i>		
11:50 – 12:05	<b>Isika, Juliet K:</b> Building and Sustaining Globally Competitive Fashion Design Education: Resources in the Use of Garment Design by Draping		
12:05 – 12:20	<b>Gabriel Juma Okumu &amp; Simmy M. Marwa, Dedan Kimathi University of</b> <b>Science and Technology, (DKUST), Kenya:</b> <i>Human Capital Development</i> <i>Priorities for a technologically Driven Nation</i>		
12:35 – 13:00	Exhibition site/posters		
13:00 – 14:00	DAY 3: Lunch Break		

	DAY 3: SHE Parallel Session 3.5: Sub–Theme 5: Accelerating Research Infrastructure and Human development		KU-BSSC 152
14:00 – 14:20	Mohammed Kerre, PERC PACE - Session lead Speaker: Developing a Science and technology platform for EA	Chair: Dr. Francis Kibaru	
14:20 – 14:35	<b>Peter Kinyae Musyimi, Karatina University:</b> Understanding Drought Characteristics for Sustainable Development in Kenya: A Case Study of Makindu Sub-County, Kenya	<b>Rapporteur:</b> William Mwangi/Mary Jullie Achieng, CUE	
14:35 – 14:50	<b>Stephen Frimpong, Bekele H.Kotu, Shaibu, Mellon Bedi, International</b> <b>Institute of Tropical Agriculture, Socioeconomics, Ghana:</b> Understanding Smallholder Farming Behavior Under Sustaining Intensification Technologies in Marginal Hotspots in Ghana		
14:50 – 15:05	Suad M. Sulaiman & Salih A. Hamadto, Sudanese National Academy of Sciences (SNAS): Addressing Food Security Issues in Developing Countries Through Solar Cooking and Drying		
15:05 – 15:20	<b>Mwarimu Alfred, Kenyatta University:</b> Access To Safe And Clean Drinking Water Through Household Connection In The Fast Developing Towns In Nairobi County		

15:20 – 15:35	Jonathan Olak, Ryan Simpson and Morris, DC Komakech, York University Canada: Report Card Guru: The Ultimate Virtual Innovation to Integrating Schools and Community	
15:35 - 16:00	Q & A Session	
16.00- 17.00	Visit to exhibitions/Posters	
16:00 - 16:30	Health Break	
<b>18.00-</b> <b>20.00</b>	CUE DINNER AT UTALII HOTEL, THIKA ROAD, NAIROBI	

	<b>DAY 3: SHE Parallel Session 3.6:</b> Sub–Theme 3: Translating academic research into innovation		KU-BSSC 273
14:00 – 14:20	Dr. John Ayisi, MOEST – Commercialization of Research Outputs – Session Keynote Speaker	Chairperson: Dr. Dorcas Omukhulu	
14:20 – 14:35	Jackson Wachira Muthengia, Karanja wa-Thiong'o & Gerald Muthakia, Embu University College, Kenya: An Overview of Alternative Cementing Materials, Kenyan Case	Rapporteur: Lynette Kisaka, CUE	
14:35 – 14:50	Muchira Irene Wanjiku, Kenyatta University: Crystallization Kinetics of InSe Chalcogenide Glasses for Phase Change Memory (PRAM) Applications		
14:50 – 15:05	<b>Waswa J, Ngugi L.W. Asiko L A &amp; Ambani R, Karatina University:</b> <i>A</i> <i>Paradigm Shift in Social Vulnerability to Nutritional Diseases. A Perspective</i>		
15:05 – 15:20	Adeyemi, A., Ademola, Ajibade, A., Yusuff .A 1National Centre for Technology Management (NACETEM): Innovative Approach Towards Curbing The Spread of Tuta Absoluta in Northern Nigeria: Lessons from Research Institutes in Some Selected Countries		
15:20 – 15:35	<b>David Mutegi Marikah, Wanyika Harrison &amp; Erastus Gatebe, JKUAT:</b> Novel Materials from Clay and Functionalized Clay Nanoparticles: Application on Remediation of Lead, Cadmium and Pentachlorophenol from Water		

15:35 – 16:00	<b>Peter Conic Awory, Moi University:</b> Using Polyethylene to Produce Methane and Ethane Gases – Applications for Lighting and Heating	
16.00- 17.00	Visit to exhibitions/Posters	
1600 – 16:30	Health Break	
18.00- 20.00	CUE DINNER AT UTALII HOTEL, THIKA ROAD, NAIROBI	

	DAY 3: SHE Parallel Session 3.7: Sub – Theme 2: Promoting Science & Technology Research in Africa		KU-BSCC 014
14:00 – 14:20	Mr. Tirop Kosgey, Chairman, National Research Fund Board – Development of National Research Fund in Kenya.	Chair: Prof. John Shiundu	
14:20 – 14:35	<b>Benard Muok and Willis Makoka, Jaramogi Oginga Odinga University of</b> <b>Science and Technology (JOOUST):</b> Accelerating pico-solar market in Kenya: Role of research and innovation	<b>Rapporteur:</b> Brian Waswala, UNEP/ David Ajuoga, CUE	
14:35 – 14:50	<b>Shadrack Mule, University of kabianga:</b> <i>Translating innovations into economic growth: rationale for an innovation strategy</i>		
14:50 – 15:05	I. W. Simiyu, Great Lakes University of Kisumu: Towards Exploring the Link Between Science, Technology and Innovation in Advancing Africa's Sustainable Development Agenda: A Case Study of Mobile Money Technology in Kenya		
15:05 – 15:20	Madara Ogot and James Nyangay, University of Nairobi: Greenhouse Gas Emissions Abatement Potential in Kenya from Introduction of Feebates		
15:20 – 15:35	Josephine Kagunda, Theresia Marijani, Gerald Mligo & Marily Rono, University of Nairobi: Modeling the Effects of Temperature Variation on Schistosomiasis Transmission Dynamics		
15:35 – 16:00	Q & A Session		

16:00 – 16:30	Health Break	
18.00- 20.00	CUE DINNER AT UTALII HOTEL, THIKA ROAD, NAIROBI	

	DAY 3: SHE Parallel Session 3.8: Sub–Theme 2: Promoting Science & Technology Research in Africa		KU-BSCC 012
14:00 – 14:20	Wesley K. Kirui, Shubiao Wu, Simon Kizito, Pedro N. Carvalho, Renjie Dong: Pathways of nitrobenzene degradation in horizontal subsurface flow constructed wetlands: Effect of intermittent aeration and glucose addition	Chair: Prof. Anne Nangulu, Quality Audit & Standards, CUE	
14:20 – 14:35	<b>C.A. Omukoko, L.Turoop, S.V.W. Wekesah, K.N. Maniania and Ghimire,</b> <b>JKUAT:</b> Screening of Beauveria bassiana Isolates for Endophytic Activity – Effects on Growth of Tomato Varieties	Rapporteur: Zachary Waweru, CUE	
14:35 – 14:50	<b>Kilemba Lucas M., University of KwaZulu-Natal, South Africa:</b> <i>Management and Preservation of Indigenous Knowledge for Food Security and</i> <i>Natural Resources by Selected Rural Communities in Kenya</i>		
14:50 – 15:05	<b>Miheso-O'Connor, Marguerite, K., Kenyatta University:</b> Using technology to support special needs learners access stem related courses in higher education: An exploratory study among low vision learners.		
15:05 – 15:20	Ngugi, C.N., Waturu, C.N., Wepukhulu, S.B., Nguru, J.K., Kamau, L.G., Kimani, A.W and Wangoh, R.W: : Determination of the Effect of Transgenic and Conventional Gypsophila root Exudates on Infectivity and Development Entomopathogenic Nematodes		
15:20 – 15:35	Alexander Kinyua Wachira, Meru University of Science and Technology: Enhancing Performance of Agribusiness Through an Automated Inter-County Commodity Exchange Market in Kenya		
15:35 – 16:00	Martha,Odhiambo, Catherine W. Muui, & Mukiri Githendu, Kenyatta University: Effects of Organic and Inorganic Fertilizers on Seed Quality of Upland Nerica Rice Varieties in Siaya County, Kenya-		
16:00 -	Health Break		

16:30		
18.00- 20.00	CUE DINNER AT UTALII HOTEL, THIKA ROAD, NAIROBI	

	DAY 3: SHE Parallel Session 3.9: Sub–Theme 2: Promoting Science & Technology Research in Africa		KU-BSCC 280
14:00 – 14:20	<b>Riany Kenneth, Kivati Chris and Abaki Zipporah:</b> Role of Research Information Management Systems (RIMS) on Promoting Science & Technology in Research Institutes of Kenya	<b>Chair:</b> Prof A. S, Yusuff, NACETEM, Nigeria	
14:20 – 14:35	Judith Mang'eni, Moi University: Risk factors for malaria infections in fever hot-spots and cold-spots in high transmission region in Western Kenya	Rapporteur: Dr. Peter K. Musyimi, Karatina University	
14:35 – 14:50	<b>Stephen Wandera, Makerere University</b> : Determinants of access to healthcare by older persons in Uganda		
14:50 – 15:05	Linda Nyondo, University of Malawi: Strategies for early access to HIV services for heterosexual men in Blantyre Malawi		
15:05 – 15:20	<b>Anne Khisa, University of Nairobi</b> : A grounded theory of regaining normalcy: health seeking behavior, coping and re-integration of women with obstetric fistula in Kenya		
15:20 – 15:35	<b>Rose Opiyo, University of Nairobi:</b> Food choice behaviors and dietary adequacy among pregnant women in Kenya		
15:35 – 16:00	Q & A Session		
16:00 - 16:30	Health Break		
18.00- 20.00	CUE DINNER AT UTALII HOTEL, THIKA ROAD, NAIROBI		

	DAY 3: SHE Parallel Session 3.10: Sub–Theme 2: Promoting Science & Technology Research in Africa		KU-BSCC 281
14:00 - 14:20 14:20 - 14:35 14:35 - 14:50	Nyile Erastus Kiswili, Shale Noor Ismail and Bellah Chepkulei, JomoKenyatta University of Agriculture and Technology: Role of SustainableProcurement Practices on Supply Chain Performance of Manufacturing Sectorin Kenya: A Case of East African Portland Cement CompanyA.L Nyondo-Mipando, A.T Choko, A.F. Chimwaza and A.S. Muula,University of Malawi: Invitation Cards during pregnancy enhance malepartner involvement in Prevention of mother to child transmission of HumanImmunodeficiency Virus in Blantyre, MalawiRose Okoyo Opiyo, Reuben Kamau Koigi, Anne Obondo, Dorington Ogoyi,Wambui Kogi Makau, University of Nairobi: Effect of Fish Oil Omega-3Fatty Acids on Reduction of Depressive Symptoms among HIV-seropositive	Chair. Prof Fred Keraro, Egerton University Rapporteur: Alice Kande / Irene Kimaiyo, CUE	
14:50 – 15:05 15:05 – 15:20	<ul> <li>Pregnant Women: A Randomized Double-blind Controlled Trial</li> <li>Maurice Mutisya, Moses W Ngware, Caroline W Kabiru, Ngianga-Bakwin</li> <li>Kandala, African Population and Health Research Center: Effect of early childhood stunting on learning achievement among children from poor urban households in Nairobi, Kenya</li> <li>Dr Peter A. M. Mwaura : Towards translation of Universities into National Data Archives for research and economic development.</li> </ul>		
15:20 – 15:35	Njiruh Paul Nthakanio, Embu University College: Opportunities In Bioeconomy as a template to Industrialization: A Lesson for Kenya to Learn		
15:35 – 16:00	Q & A Session		
16.00- 17.00	Visit to exhibitions/Posters		
16:00 - 16:30	Health Break		
18.00- 20.00	CUE DINNER AT UTALII HOTEL, THIKA ROAD, NAIROBI		

	DAY 4: THURSDAY 25 <sup>TH</sup> AUGUST 2016	<b>EVENT MOVER</b>	VENUE
07:00 - 08:30	Registration	Secretariat	
	Plenary Session: Agriculture and Food security		·
<b>08:30</b> – 08:50	<b>Prof Adrian Mukhebi;</b> <i>Session Keynote Speaker:</i> Africa is Rising, Is Agriculture Rising?	<b>Chair:</b> Dr. Nicholas Ozor	KU- Amphitheatre
08:50 – 09:10	<b>Dr. Manu Chandaria, CEO, Comcraft Group of Companies -</b> <i>Session Keynote</i> <i>Speaker: Taking Africa to the Next Level: Experiences from Industrialist</i>	Rapporteur: Rosemary Omwandho, UON	
09:10 – 09:30	<b>Dorothy Mukhebi, AWARD - Session Keynote Speaker</b> : <i>Training Women at Postgraduate levels in Agriculture: African experiences.</i>		
09:30– 09:50	<b>Dr. Fred Anampiu, IITA, - Session Keynote Speaker:</b> Growing Africa's soils: lessons from the CGIAR		
09:50 – 10:10	Alfred Busolo, AFFA - Session Keynote Speaker: Reforms within the Kenyan Agricultural sector -		
09:00 – 09:20	<b>Flora Mutahi, Chairperson, KAM – Session Keynote Speaker:</b> Expectations of Academia in Transforming the Industry -		
09:20 – 09:40	<b>Sebaggala M. Kigozi</b> - Linking Industry with Academia in Uganda: Lessons and way forward		
09:40 – 10:00	Plenary Discussion (Q & A)		
10:00 – 10:30	Exhibition Site/posters		
10:30- 11:00	Health Break	·	

DAY 4: SHE Parallel Session 4.1: Sub – Theme 6: Transforming the Academic

KU-BSCC 014

	Curriculum for Advancing Science, Technology and Innovation				
11:00 – 11:20	Alain L. Fymat, International Institute of Medicine and Science, California, USA: The Odyssey of Human Vaccination and Africa-	<b>Chair:</b> Sergio Gonzalez, Springer NATURE			
11:20 – 11:35	Moses Makokha Wandera, Cooperative University College of Kenya: Environmental Sustainability and Sustainable Development: A Global Compact Instrument Disclosure from African Universities	<b>Rapporteur:</b> Dr Juliet Isaka, Keyatta University			
11:35 – 11:50	Madara Ogot and James Nyangaya. University of Nairobi: How Many Vehicles are there on Kenya's Roads?-				
11:50 – 12:05	Waswa J, Ngugi L.W and Asiko L.A, Karatina University: Gender Disparity in Cognitive Abilities: A Nutrition Perspective				
12:05 – 12:20	<b>Leon Mutesa, University of Rwanda, Rwanda:</b> Advancement of Genetic Activities in Rwanda: Achievements, Challenges and Perspectives-				
12:20 – 12:35	Parallel Discussion (Q & A)				
12:35 - 13:00	Exhibition site				
	DAY 4: Lunch Break				

	<b>DAY 4: SHE Parallel Session 4.2:</b> Sub- Theme 5: Accelerating Research Infrastructure and Human development		KU-BSCC 012
11:00 - 11:20	Martha Wakio Maina, Kenya Medical Research Institute: Improving Early Diagnosis of Cervical Squamous Intraepithelial Lesions sing P16 <sup>INK4a</sup> Marker on Cell Blocks from Cervical Smears	<b>Chair:</b> Dr. George Ombakho, Ministry of Education	
11:20 – 11:35	Lucy M. Ombaka, Patrick Ndung'u, Vincent Nyamori, Dedan Kimathi University of Technology: Nitrogen-doped carbon nanotubes as supports for Pd catalysts applied in the selective hydrogenation of aminobenzophenone	Rapporteur: Dr. Shadrack Mule, University of Kabianga	
11:35 – 11:50	J. Oduor, N. Onkoba, F. Maloba, W. Arodi & A. Nyachieo, Institute of Primate Research (IPR): A Comparative Study on Efficacy of Bacteriophage and Clindamycin		

13.00	DAY 4: Lunch Break
12:35 – 13:00	Monica A. Ayieko, Jaramogi Oginga Odinga University of Science and Technology: Processing and Consuming Edible Insects: Project Insefoods
12:20 – 12:35	<b>Cynthia Nyunja, Joyce Maina, Joshua Amimo and Joseph Junga, University of</b> <b>Nairobi:</b> The African Catfish: Population Characterization in Selected Cultured and Wild Populations in Kenya
12:05 – 12:20	Idowu Temitope Ezekiel, Nyadawa Maurice, K'Orowe M. Odondi, Pan African University- Institute for Basic Sciences Technology & Innovation, JKUAT: Assessment of Groundwater Salinity and Impact of Seawater Intrusion on a Coastal Aquifer – North Coast of Mombasa as the Case Study
11:50 – 12:05	<b>Ezekiel Mecha, Omwandho, Tineberg &amp; Konrad, Justus-Liebig University,</b> <b>Giessen, Germany:</b> The TGF-beta and TGF-beta Receptors in Endometriosis
	Against Multi-Drug Resistant Staphylococcus aureus

	DAY 4: SHE Parallel Session 4.3: Sub- Theme 5: Accelerating Research Infrastructure and Human development		KU-BSSC 280
11:00 – 11:20	A.N. Mutsami, P. Okemo, R. C. Cheruiyot, S. Kariuki, J. Ogutu & S. L. Symekhe, Kenyatta University : Antimicrobial Susceptibility Profile and Conjugation Characteristics of Escherichia coli Strains Isolated from Broiler and Indigenous Chicken in Kericho County	<b>Chair:</b> Prof. Paul Mbugua, Kenyatta University	
11:20 – 11:35	Maloba, Mwangi, Kagira, Kivai, Ndere, Ngotho, Gicheru, Mbaruk & Akinyi, Kenyatta University: Zoonotic Malaria-Like Parasites in Baboons – A Human- Wildlife Interface Study	<b>Rapporteur:</b> Reynold Nyaga/ Clifford Gicheru, CUE	
11:35 – 11:50	<b>Charles Ng'ong'a &amp; Monica Awuor Ayieko, Jaramogi Oginga Odinga University</b> <b>of Science and Technology:</b> <i>Performance of Chicken Fed on Black Soldier Fly Pupae</i> <i>Raised on Biodegradable Kitchen Waste</i>		
11:50 – 12:05	<b>Benter Atieno, Technical University of Kenya:</b> A Biorationale for Control of Vector Snails, Mosquitoes and Schistosome Larvae		
12:05 - 12:20	<b>Vitalis Ogemah, MMUST:</b> The need for mainstreaming Sustainable Agriculture in African universities agricultural curricula-		

12:20 – 12:35	<b>Thomas G. Egwang, Med Biotech Laboratories, Kampala:</b> <i>Malaria Vaccines in the Era of Malaria Eradication and SDG3.3</i>		
12:35 – 13:00	<b>Theresia Ndunda; Amos Mbugua; Kibet Shikuku ;Naomi Waiganjo</b> Determination of Risk of Transfusion Transmitted Malaria Parasite among Blood Donations made at Kenyatta National Hospital, Blood Transfusion Unit		
DAY 4: Lunch Break			

	<b>DAY 4: SHE Parallel Session 4.4:</b> Sub- Theme 5: Accelerating Research Infrastructure and Human development		KU-BSSC 281
11:00 – 11:20	Afuwai Gwazah Cyril, Federal University Dutsin-ma, Katsina State, Nigeria: Geophysical Investigation of the Causes Of Borehole Failure in the Crystalline Basement Complex: A Case Study of Kaura Area of Kaduna State, Nigeria	<b>Chairperson:</b> Prof. Chacha, DVC, Maseno University	
11:20 – 11:35	Joseph Mwaniki Wambui, Edward Gichohi Karuri and Patrick Murigu Kamau Njage, University of Nairobi: Development by Fermentation and Utilization of a Safe and Stable Nitrosated Haemoglobin Pigment from Slaughterhouse Animal Blood	Rapporteur: Pius Walela/Mureithi Njeru, CUE	
11:35 – 11:50	Kuria M.W., Ngumi V.W., Njenga P.K. and Wangai L N, Kabarak University: Maxent Modeling for Predicting Suitable Habitat for a Threatened Medicinal Plant Species, Strychnoshenningsii in Kenya		
11:50 - 1205	<b>Ngugi MP, Njagi JM, Oduor RO, Ombori RO, Kibiti CM and Cheruiyot RC</b> : <i>RNAi-Mediated Knockdown of Cyanoglycosides in Selected Kenyan Cassava</i> <i>Genotypes</i>		
1205 – 12:20	Aloys Mosima Osano, Prof. Eric R. Okong'o,Prof. Oyaro Nathan,Dr. Jackson Kiptoo, Maasai Mara University: Biofuel Synthesis from Waste Cellulosic Biomass Using Indigenous Salt Hydrolytic Catalytic Regimes. An Indigenous-Modern Technology Infusion.		
12:20 – 12:35	<b>Diana Kayeke Lukalo:</b> <i>Oil Prices and the Real Exchange Rate: Empirical Evidence from South Korea and Kenya</i>		
12:35 – 13:00	<b>Mwarimu Alfred, Kenyatta University:</b> <i>Quality of Hypertensive Healthcare Services</i> <i>Among Patients Attending Level Five Public Hospitals in Nairobi County, Kenya</i>		
	DAY 4: Lunch Break	•	

	<b>DAY 4: SHE Parallel Session 4.5:</b> Sub – Theme 7: Managing expectations of post-graduation employment		KU-BSSC 152		
11:00 - 11:20	Susan Wasike & Thomas Amukaya Andabwa, MMUST: Peace Education Curriculum for Sustainable Community Development in Kenya- Susan	<b>Chair:</b> Dr. Mercy Gichora, Kenya Forestry Research Institute			
11:20 – 11:35	Joseph Hitimana, Eric K. Koech, Peter K. Sirmah, Zablone O. Owiti, Musa G. Apundo, Anne Sitienei, and A. Wachiye University of Kabianga: Scaling up training in forestry and environmental courses in Kenya: Reflection on Challenges and Opportunities in newly established Universities. A case of Kabianga	Rapporteur: Dr David Mutegi Marikah, JKUAT/Esther Gathungu, CUE			
11:35 – 11:50	<b>Morris Komakech and Tanzina Islam, University of Toronto, Canada:</b> <i>The Global Sex Trafficking of Women &amp; Children: A Public Health Challenge</i>				
11:50 – 12:05	Wilson Hassan Nandwa, Umma University, Kenya: Engaging Religious Leaders in Environment Conservation				
12:05 – 12:35	<b>Davis Bundi Ntwiga, University of Nairobi:</b> M-Shwari Credit Scoring: Peer Group Borrowers versus Individual Borrowers-				
12:35 – 12:50	<b>Victor Kamau, Josiah and Robert Mbeche, JKUAT:</b> Assessment of the Technical Efficiency of smallholder Coffee Farming Enterprises in Murang'a, Kenya				
12:50 - 13:00	<b>Josphat Kagema, Karatina University:</b> The Condition of Schools' Infrastructures and Its Effects on Quality Learning Outcomes in Primary Schools In Kenya				
	DAY 4: Lunch Break				

DAY 4: SHE Parallel Session 4.6: Greening Our Universities			KU-BSSC 273
11:00 – 11:25	<b>Prof. George Ndegwa -</b> Aligning the Higher Education Curricula with the Green Concept	<b>Chair:</b> Catherine Mbaisi - NEMA	

11:25 – 11:50	David Wang'ombe - Community Engagement in Greening the Environment	Rapporteur: James Kimani, CUE		
11:50 – 12:15	<b>Prof. David Mungai, Wangari Maathai Institute for Peace and Environmental</b> <b>Studies</b> – Analysis of Environmental Sustainability Performance Contracting Targets and Development of Environmental Sustainability Indicators for Universities In Kenya			
12:15 – 12:40	<b>Dr. Dorcas Otieno, Kenya Organization for Environmental Education</b> – <i>The Green Campus in Kenya</i>			
12:40 – 13:00	Nickson Otieno - Student Engagement in the Greening Agenda			
DAY 4: Lunch Break				

	DAY 4: Conference Wrap – up and Way Forward		KU- Amphitheatre
14:00 – 16:00	Dr. Eusebius Mukhwana – Chair LOC, Closing Remarks Prof. David Some, CEO, CUE- Closing Remarks Dr. Manu Chandaria, Chair, Comcraft, Closing Remarks	Chair: Aduda – Nation Media Rapporteur: Linah Lilan, CUE	
16:00 – 16:30	Prof. Henry Thairu, Chair, CUE, Official Closing of the Conference		