

International Conference on Phytochemistry, Textile & Renewable Energy for Sustainable Development

Conference Theme: Advancing Science, Technology and Innovation for Industrial Growth.

Venue: Virtual Conference

Host: Moi University, Eldoret, Kenya

DAY 1- WEDNESDAY, 12TH AUGUST 2020

Conference Plenary Opening Session LINK <https://bit.ly/3kxg1fc>

Time (Nairobi, GMT+03:00)	Speaker	Responsible
09.00-09.05	Introductions: Prof. Simeon Mining, Director Research	Moderator: Prof. Isaac Kimengi, Deputy Vice-Chancellor, Moi University
09.05-09.10	Introductory remarks by: Prof. Ambrose Kiprop, ACEII PTRE Centre leader	
09.10 -09.20	Welcome Remarks by: Prof. Isaac Sanga Kosgey, Vice-Chancellor, Moi University	Co Moderator: Prof. Yiping Qiu, Chair of SAISTA, Donghua University
09.20 -09.35	Remarks by: - Ms. Ruth Charo, Senior Education Specialist, World Bank, Kenya - Dr. Pam Fredman, President, International Association of Universities (IAU) - Prof. Jianyong Yu, President, Donghua University	Rapporteurs: 1. Dr. Milton M'Arimi 2. Dr. Fredrick Nyamwala
09.35-09.55	Address and Official Opening by: Chief Guests – PS Education	ICT Support: Mr. Moses Kirong
09.55-10.20	Overview of the Conference by: Dr. Charles Nzila Conference Chair	
10.20–10.50	Tea/Coffee Break	

Symposium Sessions

Symposium 1: Photochemistry - Nano materials, Medicinal chemistry, Natural products, Phytoremediation, Food nutrition, Phyto-economics and phytochemical analysis

Symposium 2: Renewable energy: smart technologies for energy access; energy conversion; hybrid energy systems; energy systems modeling, optimizations and analysis; energy and environmental management; waste to energy; energy systems integration; energy storage, energy economics, policy and regulations.

Symposium 3: Progressive Textiles: Sustainable textile technologies, textile engineering, technical textiles and composites and Textiles of the future.

Symposium 4: Transformative industrialization: Industrial engineering, manufacturing, sustainable production and consumption.

Symposium 5: Sustainable Technology and Innovations: Supporting Science and Social Innovations, Commercialization of Technology, Environment and Innovation for Growth, Policy, Ethics and Governance.

Symposium 6: Cross-cutting: Any other papers in Science, Technology, Engineering, Arts and Mathematics (STEAM)

DAY 1 - CONFERENCE PARALLEL SESSIONS

PARALLEL SESSIONS – 1

Time (Nairobi, GMT+03:0 0)	Symposium 1 Session 1: Phytochemistry LINK: https://bit.ly/33LzQwK	Symposium 2 Session 1: Renewable energy LINK: https://bit.ly/2XNv4bn	Symposium 3 Session 1: Progressive Textiles LINK: https://bit.ly/2XL7r2I	Symposium 3 Session 1: Progressive Textiles (B) LINK: https://bit.ly/33LzQwK	Symposium 4 Session 1: Transformative industrialization LINK: https://bit.ly/3kshbf
10.50 – 12.50 Nairobi 09.50 – 11.50 Paris 15.50 – 17.50 Beijing 01.50 – 03.50 Regina	Chair: Dr. Jackson Cherutoi Co-chair: Dr. Mathew Kosgei Rapporteur: Dr. Njira N. Pili IT Support: Julius Koech	Chair: Prof. Bhandari Co-chair: Prof. Samuel Rotich Rapporteur: Dr. Cleophas Achisa IT Support: Rachel Cheptumo	Chair: Prof. Yiping Qiu Co-chair: Prof. John Githaiga Rapporteur: Dr. Stephen Talai IT Support: Caroline Jepkogeji	Chair: Prof. Paul Wambua Co-chair: Dr. Shengyuan Yang Rapporteur: Dr. Obadiah Maube IT Support: Godfrey Ronoh	Chair: Juma Simiyu Co-chair: Prof. Joel Kibiiy Rapporteur: Dr. I Muchilwa IT Support: Victor Siele
10.50-11.20	<i>Keynote Speaker #1 on Phytochemistry Prof. Philippe Gerardin,</i> Professor of Natural Products Chemistry, Chemistry Université de Lorraine, France	<i>Keynote Speaker on Renewable Energy Prof. Ramchandra Bhandari,</i> Professor of Renewable Energy Systems, University of TH Köln, Germany	<i>Keynote Speaker 1 on Progressive Textiles Chinese Textile Industry: past, present and post COVID-19 Prof. Yiping Qiu,</i> Professor of textile materials, composite materials, nano-materials, and functional textiles, Donghua University, China LINK: https://bit.ly/2XL7r2I	<i>Keynote Speaker on Transformative Industrialization Dr. Marcus Perreira Pessoa,</i> Assistant Professor of Product Design and Development, University of Twente, Netherlands	
11.20-11.30	Health Break/Poster Session/Exhibition LINK: https://bit.ly/3kxg1fc				
11.30-11.50	PHY-003-20 Kenyan Antivenin Plants: Ethnobotany and Future Perspectives. <i>By Timothy Omara, Abigael Jepchirchir, Alfayo Maiyo, Betty Jematia Kiptui, Decrah Moraa Nyangena, Papias Nteziyaremye, Lucy Nyambura Karanja</i>	REN-005-20 Evaluation of low cost biogas upgrading systems, <i>By Dorcas Sombei, Doricah Nyambane, Anceita Jepleting, Cleophas Achisa</i>	PROG-005-20 A Study of Coir Fibre Length Tensile Strength and Elongation as a Function of Water and Mechanical Extraction Methods, <i>By John Khafafa</i>	PROG-004-20 Influence of cotton field soil cultured bacteria on cellulosic substrate properties, <i>By Ann Wairimu Mburu, Joseph Kinyanjui Muiruri D.G. Njuguna, C. Nzila, E.N. Oyondi</i>	TRANS-001-20 Industrial Engineering and Operation Management in Ready Made Garments Industry, <i>By Ocident Bongomin, Josphat Igadwa Mwasiagi, Eric Oyondi Nganyi, Ildephonse Nibikora</i>

11.50-12.10	PHY-004-20 Isolation, Characterization and Antioxidant Activity of Phenolic Compounds from <i>Ocimum gratissimum</i> and <i>Rosmarinus officinalis</i> leaves, By Winfred Nassazi	REN-017-20 Production of solketal, a fuel additive, through microwave heating and catalysis, By Kenneth K. Shitemi, Kiri Kiri Kiri	A balance between pressure drop and filtration efficiency, how Chinese Manufacturers evolve in face mask technologies By Prof. Chuyang Zhang	Polyethyleneimine Modified CNT Yarn with Improved Strength and Electrical Conductivity By Yanhong Cao	STI-001-20 An Innovative Ergonomic Design of Classroom Furniture Based on Anthropometric Measurements at Tertiary Institutions By Abdalla Elnour Ahmed Esmaeel
12.10-12.30	STEAM-009-20 Substitutional Sulphur Doped 2D-MoS ₂ : Quantum mechanical study By Kibet T. Philemon, Kiprono K. Korir	REN-010-20 Economic Study Results of a 100 W Residential Solar PV System By Wilkins Kosgei Cheruiyot	PROG-001-20 Effects of alkaline and Microwave surface modification on Calotropis Procera bast fibers for development of Fiber-Reinforced Polylactic acid composite Langat Enock Kiptoo By Enock Kiptoo Langat	Effect of chemical treatments on Mechanical properties of unidirectional Ensete fiber reinforced polypropylene composite. By Esubalew Dessie	PROG-008-20 Optimisation of Extraction Conditions of <i>Allium burdickii</i> Natural Dye and Finger print Assessment of Bioactive Compounds using Raman Spectroscopy. By K. D. Agulei, J. T. Githaiga, N.E. Oyondi
12.30-12.50	PHY-009-20 Comparison of the phytochemical composition of Euclea divinorumHern (Ebenaceae) leaves, tender stems and root bark By Immaculate Mbabazi, Dr. Phanice Tsikhungu Wangila, Dr. Isaac Kowino, Prof. Ambrose Kiprop.	REN-002-20 Optimization of Liquid Fuel from Microwaves Pyrolysis of Used Tyres, By Ronald K. Bett	Silk Fibroin based Conductive Fiber and its Applications By Dr. Liyun Ma	Development and Characterization of Helical Auxetic Yarn toward Wearable Textiles and Joule Heating Application By Junli Chen	POSTER SESSION
12.50-13.10	PHY-019-20 Phytochemical Screening, Total phenolic content and Total flavanoid content of acetonetic extracts of the heartwood of <i>Prosopis juliflora</i> , By Mark Peter Otero	POSTER SESSION	Programing Performance of Silk Fibroin Superstrong Scaffolds by Mesoscopic Regulation among Hierarchical Structures By Dr. Yifan Zhang	Circular Economy, Sustainability and Recycling of Textiles By Mike Tebyetekerwa	POSTER SESSION
13.10-13.30	POSTER SESSION	POSTER SESSION	High-performance, multifunctional 3D woven	The current state and future development trend of	POSTER SESSION

			composites <i>By Prof. Fujun Xu</i>	apparel industry under COVID-19 <i>By Pingping Xu</i>	
13.30-14.00	Lunch Break/Poster Session/Exhibition LINK: https://bit.ly/3kxglfc				
PARALLEL SESSIONS – II					
Time (Nairobi, GMT+03:0 0)	Symposium 1 Session 2: Phytochemistry LINK: https://bit.ly/33LzQxK	Symposium 1 Session 2: Phytochemistry (B) LINK: https://bit.ly/2XN3Fm	Symposium 2 Session 2: Renewable energy LINK: https://bit.ly/2XL7r21	Symposium 3 Session 2: Progressive Textile LINK: https://bit.ly/33Lhau2	Symposium 4 Session 2: Transformative industrialization LINK: https://bit.ly/3kshaf
14.00 – 15.20 Nairobi 13.00 – 14.20 Paris 19.00 – 20.20 Beijing 05.00 –06.20 Regina	Chair: Dr. Jackson Cherutoi Co-chair: Dr. Fredrick Kengara Rapporteur: Dr. Njira Pili IT Support: Julius Koech	Chair: Prof. Samuel Rotich Co-chair: Mr. Pnenwix Musonye - EPRA/AEPEA Rapporteur: Dr. Cleophas Achisa IT Support: Rachel Cheptumo	Chair: Prof. John Githaiga Co-chair: Prof. Fujun Xu Rapporteur: Dr. Stephen Talai IT Support: Caroline Jepkogei	Chair: Prof. Xiaohong Qin Co-chair: Prof. Paul Wambua Rapporteur: Dr. Obadiah Maube IT Support: Godfrey Ronoh	Chair: Juma Simiyu Co-chair: Prof. Joel Kibiiy Rapporteur: Dr. I Muchilwa IT Support: Victor Siele
14.00-14.20	PHY-019-20 Antacid effect of Leaf Extracts of <i>Bidens pilosa</i> Linn Varr Radiata. <i>By Merab Llian Ndiege,</i>	REN-025-20 Role of Modified Coulomb Potential in Determining Stability of Isobars <i>By Hezekiah Komen Cherop</i>	STI-002-20 A Content Based Image Retrieval Model Using Color, Texture And Shape Features With K-Nearest Neighbor Algorithm For E-Commerce, <i>By Gibson Kimutai, Wilson Cheruiyot, Calvins Otieno, Ambrose Kiprop</i>	REN-001-20 Production of Biogas from Sized Cotton Yarn Wastes <i>By Twizerimana Maurice</i>	PROG-006-20 Thermal properties of sisal/cattail fibre reinforced polyester hybrid composites, <i>By Silas M. Mbeche</i>
14.20-14.40	PHY-008-20 Identification of phenolic compounds in <i>Prosopis juliflora</i> by liquid chromatography electrospray ionization tandem mass spectrometer, <i>By Sarah Cherono Chepkwony, Ambrose Kiprop Ambrose,</i>	REN-016-20 Microgrids As The Vehicle To Rural Development: The Case Of Uganda, <i>By Gad Reuben Mugagga, Hope Baxter Chamdimba</i>	CROSS-004-20 Studies on Medicinal Potentials of <i>Hannoa undulata</i> Essential Oil, <i>By Anayo Joseph Uraku</i>	PROG-002-20 Identification of Means of Alleviating Production Related to Problems that Lead to Poor garment Manufacture, <i>By Mqondisi Moyo</i>	TRANS-003-20 Impact of Organizational Safety Climate on Productivity <i>By Veronika Gerald Kimario</i>

	<i>Stéphane Dumarçay, Hubert Chapuis, Philippe Gerardin, Christine Charbonnier Gerardin</i>				
14.40-15.00	PHY-018-20 Phytochemical Screening, Total Phenolic and Total Flavonoid Contents of <i>Senna didymobotrya</i> By Bernard Otieno Sadia	REN-023-20 Evaluation of sugarcane vinasse and maize stalks waste for anaerobic digestion By Mohamed Kibet Kiplagat, Cleophas Achisa Mecha	REN-006-20 Photovoltaic off grid Solar Home System Sizing using the charging current and total Energy methods: A Comparison of the two sizing methods, By Dr. Sebastian Waita	<i>POSTER SESSION</i>	<i>POSTER SESSION</i>
15.00-15.20	PHY-018-20 Application of Response Surface Methodology for optimized adsorption of crystal violet dye from aqueous solution using <i>Eichhornia crassipes</i> biochar, By Frankline Bwana, Florence Atieno Opondo, Mathew Kosgei	<i>POSTER SESSION</i>	<i>POSTER SESSION</i>	<i>POSTER SESSION</i>	<i>POSTER SESSION</i>
15.20	HEALTH BREAK/ TEA/ COFFEE/POSTER SESSION /EXHIBITION LINK: https://bit.ly/3kxg1fc				
END OF DAY 1					

DAY 2 – THURSDAY 13TH AUGUST, 2020

PARALLEL SESSIONS – III

	PARALLEL SESSIONS – III				
Time (Nairobi GMT+03:00)	Symposium 1 Session 3: Phytochemistry LINK: https://bit.ly/3kv7B8g	Symposium 1 Session 3: Phytochemistry (B) LINK: https://bit.ly/3aayTMo	Symposium 2 Session 3: Renewable energy LINK: https://bit.ly/3irbB7M	Symposium 3 Session 3: Progressive Textile LINK: https://bit.ly/3afPGxx	Symposium 4 Session 3: Transformative industrialization LINK: https://bit.ly/30FGHCL
09.00 – 11.20 Nairobi 8.00 – 10.20 Paris 14.00 – 16.20 Beijing 00.00 – 2.20 Regina	Chair: Dr. David Njuguna Co-chair: Dr. Martha Induli - KIRDI Rapporteur: Dr. Sarah Chepkwony IT Support: Julius Koech	Chair: Dr. J. Makatiani Co-chair: Dr. Sebastian Waita Rapporteur: Dr. Titus Rotich IT Support: Rachel Cheptumo	Chair: Prof. Zachary Siagi Co-chair: Geoffrey Ssebabi Rapporteur: Dr. Jerry Ochola IT Support: Caroline Jepkogei	Chair: Prof. Kun Zhang Co-chair: Dr. Eric Oyondi Rapporteur: Dr. Dorcas Lusweti IT Support: Godfrey Ronoh	Chair: Eng. Prof. Simiyu Sitati Co-chair: Brenda Akankunda Rapporteur: Dr. Milton M'Arimi IT Support: Victor Siele
09.00-09.30	Keynote Speaker #2 on Phytochemistry Prof. Christine Gerardin , Professor of Organic Chemistry Université de Lorraine, France LINK: https://bit.ly/3kv7B8g		Keynote Speaker #2 on Renewable Energy Pavel Robert Oimeke, EBS Director General – EPRA LINK: https://bit.ly/3irbB7M	Keynote Speaker 2 on Progressive Textiles Prof. Lieva Van Langehove , Professor of Functional Properties of Materials, Ghent University, Belgium LINK: https://bit.ly/3afPGxx	
9.30 – 9.40	Health Break/Poster Session/Exhibition LINK: https://bit.ly/2DWCGRe				
09.40-10.00	PHY-007-20 Biosynthesis of Zinc Oxide Nanoparticles Precursor for Development of Nanocomposite for Degrading Selected Organochlorines, By Calvince Ochieng Ondijo	PHY-006-20 Effect of temperature and cooking time on total phenolic content, total flavonoid content and antioxidant activity of garlic By Thandiwe Alide	REN-009-20 Evaluation of Kisumu County Clay Soil for Plastic Waste Pyrolysis By Mibei Chirchir Zeddy	Effects of weave structures on water wicking- evaporating behavior of woven fabrics By Prof. Yanxue Ma	TRANS-007-20 Industrial Output in Uganda: Does Electricity access Matter? By Brendah Akankunda, Muiywa S Adaramola and Arild Angelsen
10.00-10.20	PHY-002-20 Chemical composition and insecticidal activity of <i>Pinus caribaea</i> Morelet var. <i>hondurensis</i> needles against <i>Sitophilus zeamais</i>	PHY-011-20 Dyeing Characteristics of Different Solvent Extracts of <i>Euclea divinorum</i> on Cotton Fabric	REN-018-20 A Time Series Analysis of Modern Socio Economic Determinants for Carbon Emission	Carbon nanotube film/PDMS composite Toward multifunctional actuator By Dr. Mohamed Amine	Prospects of Textile Industry in Sudan: A Technical Vision By Dr. Haroon A.M. Saeed

	Motschulsky and <i>Callosobruchus maculatus</i> Fabricius . By John Mary Kirima, Timothy Omara	<i>Scolastica</i> , Ambrose K. Kiprop, Josphat Mwasiagi Igadwa, Achisa Cleophas	Levels in Emerging Sub-Saharan Economies By Kusasira Samuel	Aouraghe	
10.20-10.40	STEAM-001-20 Theoretical Modeling of Selected Toxic Molecular Products from The Thermal Degradation of A Selected Light Cigarette Brand By Maiyo Alfayo	PHY-017-20 Colourimetric Study of Natural Dye from Beta vulgaris Peels and Pomace on Cellulosic Substrate By Rotich Vincent, Wangila Phanice, Cherutoi Jackson	REN-004-20 Redox Potential advances of Quinone derivatives for energy storage applications. By Cosmas K. Kosgei, Henry Kiriamiti	Design and Manufacturing of thermoelectric textiles for harvesting thermal energy and powering electronics By Prof. Kun Zhang	TRANS-006-20 The use of solar evacuated tube as an alternative method of drying, By Joan Jepkosgei, Isaiah Muchilwa, Jerry Ochola, George Omollo Owino, David Tuigong
10.40-11.00	PHY-001-20 Geochemical Fractionation of Heavy Metals in Chromated Copper Arsenate Contaminated Soil, By Caroline Kiwanuka Nakiguli	PROG-007-20 Dyeing of cotton fabric with natural dye from <i>flavoparmel caperata</i> By Linet Jelagat Kipkulei	REN-021-20 Electricity Consumption and Economic growth in Uganda. By Geoffrey Ssebabi Mutumba	Fabrication and acoustic performance of natural cellulose fabric reinforced epoxy composites for musical instruments By Fanxizi Liu	Carbon-based coating fabrics with high conductivity for excellent electromagnetic shielding performance By Dr. Chuntao Lan
11.00-11.20	PHY-013-20 Evaluation of shading on tea (<i>Camellia sinensis</i> (L.) O. Kuntze) yield component and phenolics in aerated and unaerated products, By Robert K. Korir, Kamunya, S.M, Ramkat, R.C and Muoki, R.C	High Performance Bio-Based Epoxy Vitrimer with Closed-Loop Recyclability and Its Application in Carbon Fiber Reinforced Composites By Hafeezullah Memon	POSTER SESSION	Design and development for Polymeric Optical Fiber (POF) Textiles via Jacquard technology By Dr. Lan Ge	POSTER SESSION
11:20 - 11.30	Health Break/Poster Session/Exhibition LINK: https://bit.ly/2DWCGRe				
PARALLEL SESSIONS – 1V					
Time (Nairobi, GMT+03:00)	Symposium 1 Session 4: Phytochemistry LINK: https://bit.ly/3ky2B8g	Symposium 2 Session 4: Renewable energy (A) LINK: https://bit.ly/3aayTMs	Symposium 2 Session 4: Renewable energy (B) LINK: https://bit.ly/3a6R7M	Symposium 4 Session 4: Transformative industrialization LINK: https://bit.ly/3aPGxx	Symposium 6 Session 1: Cross cutting LINK: https://bit.ly/30FGHCL
11.30 – 17.00 Nairobi 10.30 – 16.00 Paris 16.30 – 22.00 Beijing 02.30 –08.00 Regina	Chair: Dr. David Njuguna Co-chair: Dr. Martha Induli - KIRDI	Chair: Prof. Bhandari Co-Chair: Dr. Korir Kiptiemoi	Chair: Prof. Zachary Siagi Co-chair: Miftah Fekadu	Chair: Eng. Prof. Simiyu Sitati Co-chair: Brenda	Chair: Prof. Kirimi Kiriamiti Co-chair: Dr. Roger Petty

	Rapporteur: Dr. Sarah Chepkwony IT Support: Julius Koech	Rapporteur: Dr. Patrick Nziu IT Support: Rachel Cheptumo	Kedir Rapporteur: Dr. Titus Rotich IT Support: Caroline Jepkogei	Akankunda Rapporteur: Dr. Njira Njira IT Support: Godfrey Ronoh	Rapporteur: Dr. J. Ochola IT Support: Victor Siele
11.30-11.50	STEAM-005-20 Determination of precursors of acrylamide formation in roasted maize <i>By Margaret C. Koske, Kiprop A, Ongoma P.O, Kagwanja S.M, Gichumbi J.M, Kariuki S.M.</i>	REN-019-20 A Review of Solar Adsorption Cooling with focus on Modeling and Performance Study of a Solar Adsorption Cooler using Composite Adsorbent, Steatite impregnated with Activated Charcoal, Paired with Methanol as the Adsorbat. <i>By Eric Minda Nyanga'u</i>	REN-024-20 The Effects of Gross Domestic Product and Energy Consumption on Carbon Dioxide Emission in Uganda (1986-2018) <i>By OTIM, Jacob</i>	TRANS-008-20 Numerical Modelling and Simulation of Femur Bone Reinforcement using Braided Structures, <i>By Dr. Jerry Ochola and Michael Conti</i>	Building Back Better: The Sustainable Development Fashion Agenda <i>By Michael Stanley-Jones</i>
11.50-12.10	PHY-016-20 Optimization of water-based drilling mud using leaves from <i>Veronia amygdalina</i> . <i>By Tecla C. Biwott, Ambrose K. Kiprop, Onyewuchi Akaranta, Oriji Boniface</i>	<i>POSTER SESSION</i>	REN-012-20 An experimental investigation and thermal efficiency enhancement of gasifier stoves for domestic cooking applications". <i>By Waganesh Admse</i>	TRANS-004-20 Antibacterial efficacy of the aqueous and ethanolic herbal extracts from <i>Datura stramonium</i> , <i>Racinus communis</i> and <i>Galinsoga parviflora</i> plant leaves. <i>By Musinguzi Alex, Josphat Igadwa Mwasiagi, Nzila Charles, Nibikora Ildephonse</i>	Sustainability in Fashion, is it viable in our consumption-orientated society? <i>By Xin Zhang</i>
12:10-12.30	PHY-005-20 Evaluation of Antioxidant and Antibacterial Activities Cytotoxicity of Acacia <i>By Abdirahman Elmi</i>	<i>POSTER SESSION</i>	<i>POSTER SESSION</i>	STEAM-004-20 Bayesian for Simple and Generalized Linear Models: Comparing INLA and MCMC Techniques, <i>By John Darkwah</i>	Morphology reconstruction of electrospinning nanofibers and its application in electrochemical energy storage <i>By Prof. Xin Xia</i>
12.30-12.50	PHY-015-20	<i>POSTER SESSION</i>	<i>POSTER SESSION</i>	TRANS-002-20	Miniaturization of the

	Bioefficacy of <i>Chrysanthemum cinerariifolium</i> and <i>Allium sativum</i> oil extracts against <i>Sitophilus zeamias</i> . By Samson Lutta, Lusweti Kitui, Stephen Barasa I, and Munene Macharia			Design, fabrication and testing of a hand driven canola/sunflower seed cold press machine, By Juma Simiyu	textile wearable antenna and its electromagnetic radiation properties By Prof. Lan Yao	
12.50-13.10	CROSS-003-20 Assessment of Ni toxicity to fungi and bacteria in oil tainted soils in Greater Port Harcourt Area, Nigeria. By Wanjala, M.P, Odokuma, L, Etela I, Ramkat, R, Blessing A.O., Karanteng-Ado E.J	POSTER SESSION	POSTER SESSION	POSTER SESSION	Peptides Preloaded Injectable and Self-Healing Hydrogel for Antibacterial Wound Dressing Application By Tingting Ye	
13.10-14.00	Lunch Break/Poster Session/Exhibition. LINK: https://bit.ly/2DWCGRe					
	JOINT PLENARY SESSION LINK: https://bit.ly/2DWCGRe					
14.00-16.00	KEYNOTE SPEAKERS INTERACTION SESSION - Theme: Embracing Collaborative Research Panelists and topics. 1. Prof. Samson Rwahwire - Director Graduate Studies, Busitema University - Contract Researching 2. Dr. Simon Githuku - In-charge of Research, KAM - Research & Development (R&D) 3. Vesa Korhonen - CEO, Nocart - Ethical issues in collaborative research 4. Dominic Wanjihia - CEO, Biogas International - Implementing collaborative research 5. Prof. David Tuigong - CEO, KIRDI - Developing collaborative research 6. Dr. A. Mweetwa & Dr. Runyararo - RUFORUM - Resilience and collaborations in pandemic times 7. Prof. Simeon Mining, Director Research, Moi University - Intellectual Property issue in collaborative research			Moderator: Eng. Harness Mukhongo - AEPEA Co-Moderator: Dr. Keneth Chelule - KIRDI Researcher Rapporteurs: Dr. Jacqueline Makatiani- Moi University Josephat Chege - Biogas International ICT Technician: Moses Kirong		
16.00-17.00	KEYNOTE SPEAKERS INTERACTION SESSION Sustainable Consumption and Production (SCP) and COVID-19 Responsible Consumption and Production (SDG 12) Team Member Panel of the International Association of Universities (IAU) Higher Education and Research for Sustainable Development (HESD) Cluster for the UN SDGs Panelist 1. Dr. Roger Petry. Professor of Philosophy, Co-coordinator, RCE Saskatchewan & Cluster Co-Chair,			Moderator: Dr. Zinaida Adevia, Visiting Professor, Nalanda University (India) Universiti Sains Malaysia – USM, Malaysia Co-Moderator: Dr. Jacqueline Makatiani Rapporteur: Dr. Dorcas Lusweti		

	<p>SDG 12 , Luther College at the University of Regina (Canada)</p> <ol style="list-style-type: none"> 2. Detlev Lindau-Bank. Researcher for Education & Social Work & Chair of RCE Oldeburger Munsterland, University of Vechta (Germany) 3. Prof. Dr. Margit Stein. Prof. for Education, University of Vechta (Germany) 4. Prof. Kenneth Ochoa, Director of Environmental Engineering, Faculty of Engineering El Bosque University (Colombia) 5. Dr. Rose Ramkat, Head of Department, Biological Science & Deputy Center Leader ACE II – PTRE, Moi University (Kenya) 	ICT Technician: Moses Kirong
17.00- 17.10	HEALTH BREAK/ TEA/ COFFEE/ POSTER SESSION /EXHIBITION LINK: https://bit.ly/2DWCGRe	
	END OF DAY TWO	

DAY 3 – FRIDAY 14TH AUGUST 2020

Time	PARALLEL SESSIONS – V			
(Nairobi, GMT+03:00)	Symposium 2 Session 5: Renewable energy LINK: https://bit.ly/3KERRz1	Symposium 5 Session 1: Sustainable Technology and Innovations and STEAM LINK: https://bit.ly/30tzFV1	Symposium 6 Session 2: Cross cutting (A) LINK: https://bit.ly/3g17p35	Symposium 6 Session 3: Cross cutting (B) LINK: https://bit.ly/3R3U1ux
09.00 – 12.30 Nairobi 8.00 – 11.30 Paris 14.00 – 17.30 Beijing 00.00 – 03.30 Regina	Chair: Prof. Eng. Augustine Makokha Co-chair: Dr. Korir Kiptiemoi Rapporteur: Dr. Stephen Talai IT Support: Julius Koech	Chair: Dr. Kefa Chepkwony Co-chair: Dr. Isaac Kowino Rapporteur: Dr. Jerry Ochola IT Support: Rachel Cheptumo	Chair: Prof. Kirimi Kiriamiti Co-chair: Prof. Simeon Mining Rapporteur: Dr. Titus Rotich IT Support: Caroline Jepkogei	Chair: Prof. Julius Kipkemboi Co-chair: Prof. Bin Shen Rapporteur: Dr. Dorcas Lusweti IT Support: Victor Siele
09.00-10.00	<p style="text-align: center;">LINK: https://bit.ly/3af2uUV</p> <p style="text-align: center;"><i>Keynote Speaker #1 on Cross cutting</i></p> <p style="text-align: center;">Dr. Roger Petry, Professor of Philosophy, Co-coordinator, RCE Saskatchewan & Cluster Co-Chair, SDG 12 , Luther College at the University of Regina, Canada.</p> <p style="text-align: center;"><i>Keynote Speaker #2 on Cross cutting</i></p> <p style="text-align: center;">Dr. Beatrice Muganda - Director of Higher Education, Partnership for African Social and Governance Research (PASGR), Kenya</p> <p style="text-align: center;"><i>Keynote Speaker #3 on Progressive Textiles</i></p> <p style="text-align: center;">Prof. Bin Shen, Associate Professor of supply chain management, operations-marketing interface, and fashion industry, Donghua University China</p>			
10.00 – 10.10	Health Break/Poster Session/Exhibition. LINK: https://bit.ly/3af2uUV			
10.10 – 10.30	REN-022-20 Upgrading of biogas using low cost natural materials, <i>By Elshaday Mulu, M'Arimi, M.M, Ramkat, R.C</i>	STEAM-002-20 Africa's need for a Technological Approach to Monitor Pollution from Mining activities <i>By Anita Antwiwaa, Joseph Quansah, Richard Damoah</i>	CROSS-006-20 A Survey of the Impact of COVID-19 on Businesses in Uasin Gishu County in Kenya, <i>By Charles Lagat, Benard Nassiuma, Kefa Chepkwony & Stephen Bitock.</i>	CROSS-008-20 Mapping capabilities in RE firms and projects– Insights from an integrated Survey. <i>By Dr. C. Nzila and Prof. M. Korir</i>
10.30-10.50	REN-003-20 Renewable Energy Policy Implementation Drivers and Barriers in Uganda. <i>By Bosco Amerit</i>	STEAM-007-20 Computational Modelling of Cannabinoid Derivatives from the Thermal Degradation of <i>Cannabis sativa</i> <i>By Micah Omari Omare, Joshua Kiprotich Kibet, Jackson Cherutoi, Fredrick Orori Kengara</i>	CROSS-001-20 A Survey of Engineers' and Engineering Students' Ethical Awareness and Conduct <i>By Emmanuel C. Kipkorir</i>	Protection and Development-Intangible Cultural Heritage Project in Donghua <i>By Bin Chen</i>
10.50-11.10	POSTER SESSION	STEAM-003-20 Optimization and enhancement of	CROSS-009-20 Responsible Consumption and	CROSS-002-20 Smart Refuse Collection Bin

		Rwanda power system protection in cascade outages. By Bonface Ntambara	Production for Wholistic Transformation of Universities: Innovating in Scholarly Governance, Methods, and Identities for Broad-scale Sustainability Impact in Industry and Society By Dr. Roger Petry, Ms. Jocelyn Crivea	By Dr. Phillip Kisembe
11.10- 11.30	<i>POSTER SESSION</i>	<i>POSTER SESSION</i>	CROSS-005-20 Research ethics and scientific innovations nexus: Unpacking the essentials By Prof. Julius Kipkemboi, Prof. Naanyu	POSTER SESSION
11.30 - 11.50	HEALTH BREAK/ TEA/ COFFEE/ POSTER SESSION /EXHIBITION LINK : https://bit.ly/3af2uUV			

CLOSING SESSION LINK: <https://bit.ly/3af2uUV>

Time	Event	Responsibility
11.50- 12.00	ENTERTAINMENT: MU Anthem / National Anthem	Moderator: Prof. Nathan Ogechi, Deputy Vice-Chancellor, Student Affairs, Moi University
12.00–12.15	Chief Guest Address: Representative from Chinese Embassy in Kenya	Co-Moderator: Dr. Mingwei Zhao, Director, International Cooperation Office, Donghua University
12.15- 12.20	Vote of Thanks : Conference Logistics Chairperson, Prof. C. Lagat	Rapporteurs: Dr. Milton M'Arimi
12.20- 12.30	Announcements: Conference Scientific Chairperson, Dr F. Nyamwala	ICT Technician: Moses Kirong
12.30	POSTER SESSION /EXHIBITION. LINK: https://bit.ly/3af2uUV	
	END OF CONFERENCE	