



**PROGRAMME**

MULTI-SECTORAL STI CONFERENCE (4<sup>TH</sup> – 6<sup>TH</sup> AUGUST 2021, LAKE NAIVASHA RESORT (FOCAL POINT), NAIVASHA, KENYA)

**MULTI-SECTORAL STI CONFERENCE ON:  
STI GOVERNANCE AND MAINSTREAMING: INFUSION IN NATIONAL  
DEVELOPMENT AGENDA IN A DISRUPTED WORLD**

4<sup>th</sup> to 6<sup>th</sup> August, 2021, Lake Naivasha Resort (focal point), Naivasha, Kenya

Time : 8.30 a.m. - 5.00 p.m.

DAY/DATE	TIME	SESSION	MODERATOR/CHAIR
<b>DAY 1</b> 04/08/2021	8.30 – 8.45 a.m.	<b>Registration</b>	<b>Secretariat</b>
	8.45 – 9.15 a.m.	<b>Introductory remarks by the Director General, NACOSTI</b>  <b>Remarks by Dr. Jemimah Onsare, Ag. CEO, NRF</b> <b>Remarks by Dr. Tonny Omwansa, CEO, KENIA</b>	<b>Prof. Walter O. Oyawa:</b> Director General, NACOSTI
		<b>Official opening</b> ❖ <b>Remarks by Amb. Simon Nabukwesi,</b> PS, University Education & Research Ministry of Education  ❖ <b>Remarks by Prof. Fatuma Chege,</b> PS, Curriculum Development, Ministry of Education  ❖ <b>Speech by the Chief Guest,</b> <b>Prof. George A.O. Magoha, EGH:</b> <b>Cabinet Secretary, Ministry of Education</b>	<b>Prof. Crispus Kiamba:</b> Chairman, ATPS
		9.15 – 9.30 a.m.	<b>KEYNOTE PRESENTATION (Pace setting)</b> <b>Prof. David Some, Former Chairman, TaHEST:</b> Evolution and Aspirations of the STI Act and related Regulations; TaHEST Perspective
	9.30 – 10.00 a.m.	<b>KEYNOTE PRESENTATION</b> <b>Amb. Simon Nabukwesi, Principal Secretary for University</b> <b>Education and Research, Ministry of Education:</b> Higher education Deep-dive reforms, and Reconstruction in a globalized and disrupted world	
10.00 – 10.30 a.m.	<b>Health Break</b>		

<b>DAY/DATE</b>	<b>TIME</b>	<b>SESSION</b>	<b>MODERATOR/CHAIR</b>
<b>DAY 1</b> <i>(Continued)</i>  <b>04/08/2021</b>	10.30 – 11.00 a.m.	<b>KEYNOTE PRESENTATION</b>  <b>Prof. Fatuma Chege, Principal Secretary for Curriculum Reforms, Ministry of Education:</b> Realizing the Promise of Technology-driven Competency-based Curriculum	<b>Prof. Mabel Imbuga:</b> Chairperson , NACADA
	11.00 – 11.30 a.m.	<b>KEYNOTE PRESENTATION</b>  <b>H.E. Martin N. Wambora, EGH, Chairperson of Council of Governors, and Governor of Embu:</b> Technology-Driven, Innovation-led County Development	
	11.30 – 12.00 p.m.	<b>KEYNOTE PRESENTATION</b>  <b>H.E. Josephine Gauld, Deputy British High Commissioner to Kenya and Permanent Representative to the UNEP and UN Habitat</b> UK-Kenya Research, Technology and Innovation Partnership: Status and Insights	
	12.00 – 1.00 p.m.	<b>Panel Discussions</b> <ul style="list-style-type: none"> <li>▪ The regulatory and Institutional framework governing the STI sector</li> <li>▪ Mainstreaming/Infusion of STI in Institutional Programmes and Projects</li> <li>▪ Technology driven urban, and county development</li> <li>▪ STI Education, Training, Communication, and Advocacy</li> <li>▪ Deep Dive Reforms in Higher Education Institutions in a Disrupted World</li> </ul>	<b>Prof. Mabel Imbuga:</b> Chairperson, NACADA  <b>Panelists</b> <ul style="list-style-type: none"> <li>❖ Prof. David Some, TaHEST</li> <li>❖ Prof. Henry Thairu, TaHEST</li> <li>❖ Dr. Danica Ramljak, Worldbank</li> <li>❖ Prof. Eliud Muli, ICIPE</li> <li>❖ Mr. Samuel Partey, UNESCO</li> <li>❖ Eng. Maurice Aketch, NCA</li> <li>❖ Ms. Carole Kariuki Karuga, KEPSA</li> <li>❖ Ms. Mary Mwiti, CoG</li> <li>❖ Dr.-Kipkirui-Langat, TVETA</li> <li>❖ Prof. Geoffrey Muluvi, SEKU</li> <li>❖ Prof. Charles O. Ong'ondo, KICD</li> <li>❖ Mr. Boniface Wanyama, NACOSTI</li> <li>❖ Dr. Salome Guchu, DRST</li> <li>❖ Mr. Boniface Wanyama, NACOSTI</li> </ul>
	1.00 – 2.00 p.m.	<b>Health Break</b>	

<p><b>DAY 1</b> <i>(Continued)</i></p> <p><b>04/08/2021</b></p>	<p><b>2.00 – 2.30 p.m.</b></p>	<p><b>KEYNOTE PRESENTATION</b></p> <p><b>Prof. Walter O. Oyawa, Director General, NACOSTI</b> The Regulatory and Institutional framework governing the STI sector</p>	<p><b>Prof. Ratemo Michieka:</b> Chairman, ASRIC</p>
	<p><b>2.30 – 3.00 p.m</b></p>	<p><b>KEYNOTE PRESENTATION</b></p> <p><b>Dr. Danica Ramljak, Senior Science &amp; Innovation Expert, WORLD BANK:</b> Support for Regional Scholarship and Innovation, and its impacts on Higher Education</p>	
	<p><b>3.00 – 3.30 p.m.</b></p>	<p><b>KEYNOTE PRESENTATION</b></p> <p><b>Prof. Reuben Marwanga, Chairman, KENIA</b> The State of National Innovation System and its Contribution to the Big Four Agenda</p>	
	<p><b>3.30 – 4.30 p.m.</b></p>	<p><b>Panel Discussions</b></p> <ul style="list-style-type: none"> <li>• STI Indicators, and impacts on Kenya’s Global Competitiveness in technology innovation</li> <li>• Priorities in scientific, technological and innovation activities in Kenya</li> <li>• Implementation of National Research Priorities Framework</li> <li>• Impacts of STI on national development in a disrupted world</li> <li>• STI as the vanguard in the delivery of the Big Four Agenda in a disrupted world</li> </ul>	<p><b>Prof. Ratemo Michieka</b> Chairman, ASRIC</p> <p><b>Panelists</b></p> <ul style="list-style-type: none"> <li>❖ Prof. Raphael Munavu, KNAS</li> <li>❖ Ms. Mary Mwiti, CoG</li> <li>❖ Ms. Phyllis Wakiaga, KAM</li> <li>❖ Prof. Eliud Muli, ICIPE</li> <li>❖ Prof. Victoria Ngumi, JKUAT</li> <li>❖ Dr. Danica Ramljak, Worldbank</li> <li>❖ Mr. Samuel Partey, UNESCO</li> <li>❖ Ms. Carole Kariuki Karuga, KEPSA</li> <li>❖ Dr. Jemimah Onsare, NRF</li> <li>❖ Dr. Tonny K. Omwansa, KENIA</li> <li>❖ Dr. David Njubi, NACOSTI</li> <li>❖ Mr. Darius Mogaka, DUE</li> <li>❖ Dr. Salome Guchu, DRST</li> </ul>
	<p><b>4.30 – 5.00 p.m.</b></p>	<p><b>Health Break</b></p> <p style="text-align: center;"><b>(End of Day 1)</b></p>	

<b>DAY/DATE</b>	<b>TIME</b>	<b>SESSION</b>	<b>MODERATOR/CHAIR</b>
<b>DAY 2</b> <b>05/08/2021</b>	<b>8.30 – 9.00 a.m.</b>	<b>Registration</b>	<b>Secretariat</b>
	<b>9.00 – 9.30 a.m.</b>	<b>KEYNOTE PRESENTATION</b>  <b>Prof. Mabel Imbuga, Chairperson, NACADA:</b> Global and Regional Partnerships in fast-tracking technology diffusion and adaptation	<b>Prof. Henry Thairu:</b> Chairman, Daystar University Council, and TaHEST member
	<b>9.30 – 10.00 a.m.</b>	<b>KEYNOTE PRESENTATION</b>  <b>Prof. Shaukat A. Abdulrazak, Director, Division for Africa, IAEA:</b> Kenya’s Technology-based International obligations, and their contribution to national development	
	<b>10.00 – 10.30 a.m.</b>	<b>Health Break</b>	
	<b>10.30 – 11.00 a.m.</b>	<b>KEYNOTE PRESENTATION</b>  <b>Prof Ahmed Ferej, Chairman, TVETA</b> TVET Education and its Contribution to Kenya’s Industrialization	<b>Prof. Raphael Munavu:</b> Chairman, KNAS
	<b>11.00 – 11.30 a.m.</b>	<b>KEYNOTE PRESENTATION</b>  <b>Prof. Tom Migun Ogada, CEO, ACTS:</b> Evidence-based Policy Making, and its Infusion in National Decision-Making Mechanisms	
	<b>11.30 – 12.00 p.m.</b>	<b>KEYNOTE PRESENTATION</b>  <b>Prof. Crispus Kiamba, Chairperson, ATPS:</b> Training the Next-Generation Workforce in Science, Technology and Innovation.	
	<b>12.00 – 1.00 p.m.</b>	<b>Panel Discussions</b> <ul style="list-style-type: none"> <li>▪ STI-based International obligations and treaties</li> <li>▪ Global Partnerships and Networking in Transformational STI Ventures</li> <li>▪ Deploying the Quadruple helix collaboration approach to fast-track the transfer of research and innovation Outcomes <i>(Industry-University-Government-Communities collaboration approach)</i></li> </ul>	<b>Prof. Raphael Munavu:</b> Chairman, KNAS  <b>Panelists</b> ❖ Prof. Ratemo Michieka ❖ Prof. Shaukat Abdulrazak ❖ Dr. Tonny K. Omwansa, KENIA ❖ Dr.-Kipkirui-Langat, TVETA ❖ Ms. Carole Kariuki Karuga, KEPESA ❖ Dr. David Njubi, NACOSTI ❖ Ms. Phyllis Wakiaga, KAM
	<b>1.00 – 2.00 p.m.</b>	<b>Health Break</b>	



**PROGRAMME**

**MULTI-SECTORAL STI CONFERENCE (4<sup>TH</sup> – 6<sup>TH</sup> AUGUST 2021, LAKE NAIVASHA RESORT (FOCAL POINT), NAIVASHA, KENYA)**

<p><b>DAY 2</b> <i>(Continued)</i></p> <p><b>05/08/2021</b></p>	<p><b>2.00 – 2.30 p.m.</b></p>	<p><b>KEYNOTE PRESENTATION</b></p> <p><b>Ms. Flora Mutahi, Chairperson, KEPSA:</b> Integration of MSMEs in the Mainstream National Innovation System</p>	<p><b>Prof. Mabel Imbuga:</b> Chairperson, NACADA</p>
	<p><b>2.30 – 3.00 p.m.</b></p>	<p><b>KEYNOTE PRESENTATION</b></p> <p><b>Prof. Geoffrey M. Muluvi, Vice Chancellor, SEKU:</b> University–Industry–GoK Collaboration, and its Impacts on the Economy</p>	
	<p><b>3.00 – 4.30 p.m.</b></p>	<p><b>Panel Discussions</b></p> <ul style="list-style-type: none"> <li>▪ SMART Cities, Industrial/Technology Parks, and fifth (5th) Industrial Revolution</li> <li>▪ Technology Commercialization/Extension</li> <li>▪ Intellectual Property Rights, and Global Innovation Index</li> <li>▪ Harnessing Frontier Technologies in response to Emerging Issues</li> <li>▪ STI Funding and Investments</li> </ul>	<p><b>Prof. Mabel Imbuga:</b> Chairman, NACADA</p> <p><b><u>Panelists</u></b></p> <ul style="list-style-type: none"> <li>❖ Prof Deogratius Jaganyi, MKU</li> <li>❖ Prof. Eliud Muli, ICIPE</li> <li>❖ Prof. David K.R. Tuigong, KIRDI</li> <li>❖ Mr. Geoffrey Monari, UFB</li> <li>❖ Eng. John Tanui, KoTDA</li> <li>❖ Ms. Carole Kariuki Karuga, KEPSA</li> <li>❖ Ms. Mary Mwiti, CoG</li> <li>❖ Dr. Jemimah Onsare, NRF</li> <li>❖ Dr. Tonny K. Omwansa, KENIA</li> <li>❖ Mr. John Onyango, KIPI</li> <li>❖ Eng. Peter M. Mundinia, KENHA</li> <li>❖ Eng. Maurice Akech, NCA</li> </ul>
	<p><b>4.30 – 5.00 p.m.</b></p>	<p><b>Health Break</b></p> <p style="text-align: center;"><b>(End of Day 2)</b></p>	

<b>DAY/DATE</b>	<b>TIME</b>	<b>SESSION</b>	<b>MODERATOR/CHAIR</b>
<b>DAY 3</b> <b>06/08/2021</b>	<b>8.30 – 9.00 a.m.</b>	<b>Registration and Remarks</b>	<b>Secretariat</b>
	<b>9.00 – 9.30 a.m.</b>	<b>KEYNOTE PRESENTATION</b>  <b>Prof. Olive Mugenda, Chairperson of KUTTRH:</b> Enhancing Strategic Investments in R&D, and Technology Commercialization	<b>Prof. Ratemo Michieka:</b> Chairman, ASRIC
	<b>9.30 – 10.00 a.m.</b>	<b>KEYNOTE PRESENTATION</b>  <b>Mr. Halakhe D. Waqo, Chairman, UFB</b> Financial Sustainability of Universities in a fast-changing World	
	<b>10.00 – 10.30 a.m.</b>	<b>Health Break</b>	
	<b>10.30 – 11.00 a.m.</b>	<b>KEYNOTE PRESENTATION</b>  <b>Eng. Erastus Mwongera, Chairman, EBK</b> Engineering Education and Practice, and its Contribution to the Big Four Agenda	<b>Prof. Ratemo Michieka:</b> Chairman, ASRIC
	<b>11.00 – 11.30 a.m.</b>	<b>KEYNOTE PRESENTATION</b>  <b>QS. David Gaitho, Chairman, NCA</b> The Construction Industry and its Impact on the Big Four Agenda	
	<b>11.30 – 12.00 p.m.</b>	<b>KEYNOTE PRESENTATION</b>  <b>Eng. Wangai Ndirangu, Chairman, KeNHA</b> Recent Progress in Highway Construction in Kenya, and its Impact on Mobility	
	<b>12.00 – 1.00 p.m.</b>	<b>Panel Discussions</b>  <b>Highlights of Conference Presentations and Deliberations</b>	<b>Prof. Ratemo Michieka:</b> Chairman, ASRIC (All Participants)
	<b>1.00 – 2.00 p.m.</b>	<b>Health Break</b>	

**PROGRAMME**

**MULTI-SECTORAL STI CONFERENCE (4<sup>TH</sup> – 6<sup>TH</sup> AUGUST 2021, LAKE NAIVASHA RESORT (FOCAL POINT), NAIVASHA, KENYA)**

<b>DAY 3</b> <i>(Continued)</i>  <b>06/08/2021</b>	2.00 – 2.30 p.m.	Way forward	<b>Prof. Raphael Munavu:</b> Chairman, KNAS
	2.30 – 3.00 p.m.	<b>Official Closing</b> ❖ Remarks by Dr. Tonny Omwansa, CEO, KENIA ❖ Remarks by Dr. Jemimah Onsare, Ag. CEO, NRF  ❖ Chief Guest, Dr. Narendra Raval, Chancellor, Egerton University	<b>Prof. Walter O. Oyawa:</b> Director General, NACOSTI

**CHIEF GUESTS**



**Prof. George A. O. Magoha, EGH**  
Cabinet Secretary  
Ministry of Education



**Dr. Narendra Raval**  
The Chancellor of Egerton University, and Industrialist

**Convener**



**Prof. Walter O. Oyawa**  
Director General of NACOSTI

**Co-Convener**



**Dr. Jemimah Onsare**  
Ag. Chief Executive Officer of NRF

**Dates**

**From** 4th August 2021   
**To** 6th August 2021 

Pre-Conference Meetings on 3rd August 2021

**Partners**



**CONTACT DETAILS**

**Prof. Walter O. Oyawa**  
 Director General/CEO  
 National Commission for Science, Technology and Innovation (NACOSTI)  
 off Waiyaki Way, Upper Kabete,  
 P. O. Box 30623, 00100  
 Nairobi, KENYA

**Email:** [dq@nacosti.go.ke](mailto:dq@nacosti.go.ke)  
**Land line:** 020 4007000, 020 2241349, 020 3310571, 020 8001077  
**Wireless:** 020 267 3550  
**Mobile:** 0713 788 787 / 0735 404 245  
**WhatsApp:** 0792 746282

For online registration, open the URL below:  
[https://forms.office.com/pages/responsepage.aspx?id=TKzOUdijUESH0MihEbwLGTOkNyLqkohlgGEj\\_ODU6PJUQ0ZIV0pZVzRSUjdJQjNBTzlwQ0tXQ0E2TC4u](https://forms.office.com/pages/responsepage.aspx?id=TKzOUdijUESH0MihEbwLGTOkNyLqkohlgGEj_ODU6PJUQ0ZIV0pZVzRSUjdJQjNBTzlwQ0tXQ0E2TC4u)

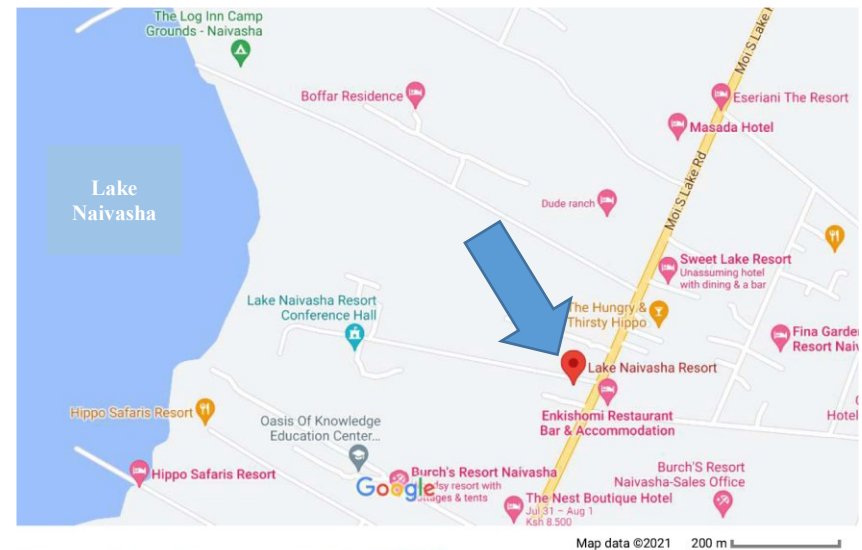


## CONFERENCE FOCAL POINT

**Multi-Sectoral STI Conference will be held** virtually, and the focal point will be at **Lake Naivasha Resort**, Moi Southlake Road, off Mai Mahiu Road, Naivasha, Kenya.



**Conference focal point**



**Location**

Welcome to the 1<sup>st</sup> Multi-Sectoral STI Conference