



**Second Conference of IYC 2011 Celebrations**  
*Chemistry – our life our future*  
February 15–17th, 2012, Central Catering Unit,  
University of Nairobi



***Popularizing Chemistry with Respect to Vision 2030***

**Program**

**Wednesday, 15<sup>th</sup> February 2012**

- 08:00 – 09:30**                    **Registration**
- Session I**                    **Chairperson: Prof. G.N. Kamau    Rapporteur : Mrs. Ruth Odhiambo**
- 09:30 – 10:30**                    **IYC 2011 Celebrations Organizing Committee**
- Dr. Amir O. Yusuf, Chairman, Department of Chemistry, UoN**
- Mrs. Eva Oduor, Managing Director, KEBS**
- Mr. Ahmed Dualeh, MD, Dow Chemical East Africa Limited**
- Prof. Lydia Njenga, Dean, SPS, UoN**
- Prof. Bernard Aduda, Principal, CBPS, UoN**
- Prof. Shaukat Abdulrazak, Chief Executive Officer, NCST**
- Prof. Lucy Irungu ,The DVC - RPE, UoN**
- 10:30 – 11:00**                    **Tea Break**
- Session II**                    **Chairperson: Prof. B. Bhatt            Rapporteur : Dr. Albert Ndakala**
- 11:00 – 11:30**                    **Dr. Gituro Wainaina, Vision 2030 - Role of Science, technology and Innovation (STI) in the Delivery of Vision 2030**
- 11:30 – 12:00**                    **Prof. Raphael Munavu, UoN – Chemical Industry with respect to Vision 2030**
- 12:00 – 12:30**                    **Prof. David Kariuki, UoN – Chemistry in Schools – an overview**
- 12:30 – 12:45**                    **Mr. David Kirui, KEBS – Kenya Bureau of Standards**
- 12:45 – 13:00**                    **Mrs. R. Ng'ang'a, KEPHIS – Role of KEPHIS as a Regulatory Body**
- 13:00 – 14:00**                    **Lunch Break**
- Session III**                    **Chairperson: Dr. Patricia W. Gitari    Rapporteur : Mr. Wilson Tonkei**
- 14:00 – 14:30**                    **Prof. E. Mathu, SEUCO – Minerals of Kenya**
- 14:30 – 15:00**                    **Dr. Justus Inyega, UoN - Innovative Pedagogy in Chemical Education**
- 15:00 – 15:30**                    **Mr. Philip Nderitu, Kagumo Teachers Training College - Chemical Education in Teachers' Training Colleges**
- 15:30 – 16:30**                    **Panel Discussion: Discussant (Chair of the three sessions)**
- 16:30 – 17:00**                    **Tea**

## Thursday, 16<sup>th</sup> February 2012

<b>Session IV</b>	<b>Chairperson: Prof. D.N. Kariuki    Rapporteur : Dr. Leonidah Kerubo</b>
<b>08:30 – 09:00</b>	Eng. Collins G. Juma, NEDP – <b>Nuclear Electricity and the Kenyan Vision: A Perfect Chemistry</b>
<b>09:00 – 09:30</b>	Mr. Johnston Mwongela, CID - <b>Forensic</b>
<b>09:30 – 09:50</b>	Mr. Joseph Atnafu - <b>SANERGY</b>
<b>09:50 – 10:10</b>	Dr. J.P. Kithinji, UoN – <b>Renewable sources of Energy</b>
<b>10:10 – 10:30</b>	Mr. David Otuma - <b>NEDP</b>
<b>10:30 – 11:00</b>	<b>Tea Break</b>
<b>Session V</b>	<b>Chairperson: Mrs. Ruth Odhiambo    Rapporteur : Mr. Fredrick Mwazighe</b>
<b>11:00 – 11:30</b>	Mr. Pius Makhonge, DOSHS – <b>The Role of Chemical Safety Towards the Achievement of Vision 2030</b>
<b>11:30 -12:00</b>	Dr. Patricia W. Gitari, UoN - <b>Chemistry and Drug Discovery</b>
<b>12:00 – 12:30</b>	Mr. Stephen E. Oduor, SMASSE - <b>ASEI/PDSI Approach</b>
<b>12:30 – 13:00</b>	Mr. Issak Elmi, NEMA – <b>National Environment Management Authority</b>
<b>13:00 – 14:00</b>	<b>Lunch</b>
<b>Session VI</b>	<b>Chairperson: Dr. Solomon Derese    Rapporteur : Ms. Rachel Njeri</b>
<b>14:00 – 14:30</b>	Dr. George O. Outa, Office of the Prime Minister - <b>Some Scattered Thoughts on How to Elevate the National Policy Status of “Beneficial Chemistry”</b>
<b>14:30 – 15:00</b>	Mrs. Ruth Odhiambo, PACN - <b>Teaching Chemistry in High schools</b>
<b>15:00 – 15:30</b>	Mrs. Amina Bakari, Kenya Revenue Authority - <b>The Role of Chemistry at KRA</b>
<b>15:30 – 16:30</b>	<b>Panel Discussion: Discussant (the chairs’ of the sessions)</b>
<b>16:30 – 17:00</b>	<b>Tea</b>

## Friday, 17<sup>th</sup> February 2012

<b>Session VII</b>	<b>Chairperson: Prof. Abiy Yenesew      Rapporteur : Dr. Albert Ndakala</b>
<b>08:30 – 09:00</b>	<b>Mr. Habil Omondi, Government Chemist – Application of Forensic Science in the Dispensation of Justice</b>
<b>09:00 – 09:30</b>	<b>Mr. Gerald Wakiiru, LACLAN - Managing Plant Stress Brought about by Climate Change using Applied Chemistry</b>
<b>09:30 – 10:00</b>	<b>Mrs. Dorice Situma, KEWI -The Role of Chemistry in Vision 2030: A Water Sector Perspective</b>
<b>10:00 – 10:30</b>	<b>Mr. David Koech, KEBS/E-SALAMA – The Role of National Laboratories in Achieving Vision 2030</b>
<b>10:30 – 11:00</b>	<b>Tea Break</b>
<b>Session VIII</b>	<b>Chairperson:Dr. Amir Yusuf      Rapporteur: Mrs. Dorice Situma</b>
<b>11:00 – 11:30</b>	<b>Dr. Charles Z.M. Moturi, KIRDI – Industrialization Process</b>
<b>11:30 -11:50</b>	<b>Mrs. Florence Masese, Nairobi Technical Institute - Chemical Education in Tertiary Institutions</b>
<b>11:50 – 12:10</b>	<b>Mrs. Susan Munyiri-Ochieng, KENAS – Accreditation – the missing link.</b>
<b>12:10 – 12:30</b>	<b>Rachel Shibalira, International Development Law Organization (IDLO) - Legal framework in Kenya and its Implication on Research</b>
<b>12:30 – 13:00</b>	<b>Mr. Peter Opiyo, PCB – Pesticide Legislation use and Environmental Effect</b>
<b>13:00 – 14:00</b>	<b>Lunch</b>
<b>Session IX</b>	<b>Chairperson: Prof. Raphael Munavu      Rapporteur : Mrs. Ruth Odhiambo</b>
<b>14:00 – 14:30</b>	<b>Mr. J. Miheso, KIE – Evaluation of 8-4-4 Chemistry Curriculum</b>
<b>14:30 – 15:30</b>	<b>Open Discussion on the Future of Chemistry</b>
<b>15:30 – 16:00</b>	<b>Prof. Shem Wandiga, UoN – Closing remarks</b>
<b>16:00 – 16:10</b>	<b>Vote of Thanks: Prof. David Kariuki</b>
<b>16:10 – 16:20</b>	<b>Presentation of Certificates/Periodic table/Conference materials</b>
<b>16:10 – 16:30</b>	<b>Tea</b>