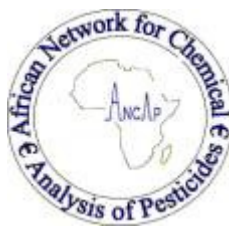


**THE AFRICAN NETWORK FOR CHEMICAL ANALYSIS OF PESTICIDES  
(ANCAP)**

**EIGHTH ANCAP SYMPOSIUM**



31st July 2015

***Makerere University, Kampala, Uganda***

**REPORT OF THE 8<sup>TH</sup> ANCAP SYMPOSIUM HELD AT THE DEPARTMENT OF  
CHEMISTRY, MAKERERE UNIVERSITY KAMPALA, UGANDA ON 31<sup>ST</sup> JULY 2015**

The symposium was conducted on the last day of the 11th ANCAP summer school (31<sup>st</sup> July 2015) and it was a **special research forum** in memory of the Late Prof. Michael Kishimba (University of Dar es Salaam, Tanzania) and Prof. Bernard Kiremire (Makerere University, Uganda). Professors Kishimba and Kiremire were among the founders of ANCAP. During the session postgraduate students had the opportunity to present their research activities and findings in a forum in honour of the late professors for their enormous contributions in the fields of pesticides analysis and prosperity of ANCAP.

The symposium included 32 participants from Ethiopia, Kenya, Rwanda, Sudan, Tanzania, Uganda, and Zimbabwe.

An inspiring key note speech titled “Celebrating the Lives and Times of Prof. Kiremire and Prof. Kishimba” was presented by Prof. Wandiga. A total of eleven papers were presented and discussed during the symposium. The papers covered different aspects of chemistry research conducted in the respective countries including environmental assessment of the pesticides, persistent organic pollutants and other organic contaminants (e.g. analysis of residues, degradation studies, and modelling), heavy metals, organic synthesis, green chemistry, and material chemistry. Each forum presentation was given 15 min followed by 5 min of questions and comments. The presentations were evaluated by a team of five judges that comprised experts from the University of Florida, University of Dar es Salaam and Makerere University.

The first three winners were awarded prizes by Prof. Nkedi-Kizza as follows:

1. Ms. Ruth Mbabazi (Uganda)-First Winner (Best): US Dollars 250, plus a certificate of recognition.
2. Mr. Pamhidzai Dzomba (Zimbabwe)-Second Winner: US Dollars 150, plus a certificate of recognition.
3. Ms. Maurine A. Otieno (Kenya)-Third Winner: US Dollars 100, plus a certificate of recognition.

The symposium was crowned by award of certificates of participation in the workshop, certificates of appreciation to the sponsors (ANCAP and Prof. Nkedi-Kizza) and a farewell party to the participants.

### **Acknowledgements**

The ANCAP organizing committee highly acknowledges IPICS-ISP Sweden for financial support which enabled organizing and facilitating the workshop and symposium as well as providing sponsorship to participants and facilitators.

### **Programme for the Symposium**

08:00 - 08:30	Registration
08:30 - 10:00	Opening Session <ul style="list-style-type: none"> <li>- Welcome Remarks by Chair Organising committee- Dr Wasswa</li> <li>- Remarks by Prof P. Nkedi-Kizza</li> <li>- Remarks by Executive Secretary ANCAP - Dr Mahugija</li> <li>- Remarks by Head Chemistry</li> <li>- Remarks by Principal CONAS</li> <li>- Key Note Speech by the Prof Wandiga</li> <li>- Group photograph</li> </ul>
10:00 - 10:20	Coffee Break
10:20 – 10:40	Effect of some profession on the lead levels of Male urine in Wad-Medani
10:40 – 11:00	Sudan. <b>Marwa M. E. Eltohami</b> University of Gezira, Wad-Medani, Sudan
11:20 – 11:40	Quantitative risk assessment of organochlorine pesticide residues in Tomatoes and Carrots
11:20 – 12:00	in central markets in Uganda. <b>Kigozi Moses</b> Busitema University
12:00 – 12:20	Synthesis and Characterization of Stereo Specific Polypeptide Based Hydrogel For
12:20 – 12:40	Biomedical Application. <b>Ambama Fabious Karls</b> , Makerere University- Uganda
	An Assessment of Possible Health Risks of Using DDT And Farmers' Perception
	Towards Toxicity of Pesticides Used on KHAT ( <i>Catha Edulis</i> ): In Haromaya Woreda,
	Ethiopia. <b>Abdulaziz Mohammed</b> Addis Ababa University, Ethiopia
	Evaluating and Modeling of Equilibrium Adsorption Isotherms Data of Various Pesticides
	For Kamaus' Model <b>J. Kamau</b> , University of Nairobi, Kenya

	Performance Evaluation of a Post-Harvest Cooling Unit Based on Renewable Materials. <b>Mulindwa Patrick</b> , Mbarara University of Science and Technology.
12:40 - 14:00	<i>Lunch Break</i>
14:00 - 14:20 14:20 - 14:40 14:40 - 15:00 15:00 - 15:20 15:20 - 15:40 15:40 - 16:00	A Comparative Assessment of Acid-Catalysed Hydrolysis of Hemicellulose for Furfural Production from the Husks of <i>Nerica</i> Rice Species. <b>Mbabazi Ruth</b> , Makerere University Measurement and Source Apportionment of Polycyclic Aromatic Hydrocarbons in Sediments from the Uganda Side of Lake Victoria Shores <b>Kerebba Nasifu</b> , Makerere University Water Purification Using Clay Impregnated With N-Doped Titanium Dioxide - Case Study of Lake Victoria Basin- Homa Bay County. <b>Otieno Maurine Atieno</b> , University of Nairobi Old and new Persistent Organic Pollutants status and Management in Rwanda. <b>Jean Bosco Nkuranga</b> , University of Rwanda Speciation and degradation of chlortetracycline in the aquatic environment: characterization in terms of a linear rate law. <b>P. Dzomba</b> , University of Zimbabwe
16:00 – 16:30	<i>Health Break</i>
16:30 – 17:00 18.30	Presentation of the awards Closing Remarks by the Dean School of Physical Sciences (Representative) Cocktail at Makerere University Guest House