

# **FIRST AFRICAN CONFERENCE ON RESEARCH IN CHEMISTRY EDUCATION (ACRICE-I)**

## **FIRST ANNOUNCEMENT**

**Feb.2013**

### **WELCOME**

ACRICE conferences bring together university staff members, chemistry educators and chemistry teachers from across African continent and the world at large and provide a unique pan-African forum for the sharing ideas and new findings to solve education problems in African countries. Participants will examine a wide range of pedagogical best practices that address local and global issues in educating African students for total quality in the global age.

ACRICE conference is intended as a platform for understanding and enriching education for preparation of African citizens who are able to deal with local and global challenges. To that end, educators and researchers at all levels are invited to share vital knowledge and strategies for teaching and learning in culturally responsive ways.

### **ORGANIZED BY**

*Federation of African Societies of Chemistry (FASC) And  
Addis Ababa UNIVERSITY, Ethiopia*

*Date: From 5 to 7 December 2013*

*Venue: Addis Ababa, Ethiopia*

### **CONFERENCE MAIN THEME**

## **Chemical Education for Human Development in Africa**

### **CONFERENCE SUB-THEMES**

- ST [A]:** *Best Practices in the teaching and learning chemistry*
- ST [B]:** *Chemistry education for sustainable development in Africa*
- ST [C]:** *ICT and Multimedia in teaching and learning chemistry*
- ST [D]:** *PCK/TPACK in Chemistry*
- ST [E]:** *Nano –chemistry Education*
- ST [F]:** *New trends in student assessment*
- ST [G]:** *Micro-Scale chemistry teaching*
- ST [H]:** *Ethics in chemistry education*
- ST [I]:** *Multiple Uses of Chemicals*
- ST [J]:** *Lab safety and hazards*
- ST [K]:** *TQM,TQC in chemistry education*

## **CONFERENCE OBJECTIVES**

1. Creating a community of chemistry educators, teacher educators, and researchers to share and collaborate in building an African community of learners who will serve the global age.
2. Creating a platform for chemistry educators and researchers throughout Africa and the rest of the world to share experiences and adopt best practices in the teaching and learning chemistry
3. Clarifying systemic theories and pedagogies for change and reform that is consistent with preparation of African citizen in the global age.
4. Increasing awareness of the depth of cultural legacy and the need to promote and defend it for the existence and preservation of African continent resources using chemistry as a means.
5. Evolve an appreciation of the importance of chemistry in an industrial, economic, environmental and social context.
6. Creating strong community of chemistry educators, teacher educators, and researchers to share and collaborate in building an African green and sustainable environment.
7. Increasing the African understanding for the needs of the active and independent learner.
8. Increasing the awareness toward systemic and creative thinking in the preparation of new African generations to acquire the skills necessary to solve current and future global problems.

## **EXPECTED CONFERENCE OUTCOMES:**

1. Establish networking and alliances of chemistry educators, teacher educators, and researchers for sharing accepted practices and research in classrooms and other educational venues.
2. Enhanced capacity building among conference participants as contributors to the design and implementation of effective teaching strategies in chemistry.
3. Increased African students understanding for the need of green chemistry for sustainable development in Africa.

## **CALL FOR ABSTRACTS (DEADLINE 30 JULY 2013)**

**Conference President:** **Dr. Temechegn Engida**, President of FASC and UNESCO-IICBA, Ethiopia

**Conference Vice-President:** **Prof. Ameen F. Fahmy**, Ain Shams University, Cairo, Egypt

**Corresponding email:** [temechegn@gmail.com](mailto:temechegn@gmail.com)

## **INTERNATIONAL ADVISORY BOARD**

- Prof. Berhanu Abegaz [Ethiopia]
- Prof. Iftikhar Nagvi [Pakistan]
- Prof. Joe Lagowski [USA]
- Prof. John Bradley [South Africa]
- Prof. Liberato Cardellini [Italy]
- Prof. Leiv Sydnes [Norway]
- Prof. Mahmoud Farhat [Libya]
- Prof. Marinda Wu [USA]
- Prof. Martyn Poliakoff [UK]
- Prof. Mei-Hung Chiu [Taiwan]

- Prof. Michael Schallies [Germany]
- Prof. Motaza Khater [Egypt]
- Prof. Neil Coville [South Africa]
- Prof. Pascal Mimero [France]
- Prof. Peter Atkins [UK]
- Prof. Peter Mahaffy [Canada]
- Prof. Ramasami Ponnadurai [Mauritius]
- Prof. Roald Hoffman [USA]
- Prof. Sultan Abu Orabi [Jordan]
- Prof. Zafra Lerman [USA]

### **NATIONAL ORGANIZING COMMITTEE:**

- Dr. Ahmed Mustefa, Ethiopia
- Dr. Sileshi Yitbarek, Ethiopia
- Dr. Belina Terfassa, Ethiopia
- Mr. Dereje Kidanemariam, Ethiopia
- Ms. Bethelehem Fetene, Ethiopia

### **CONFERENCE SESSIONS**

*The conference's scientific program consists of the following activities:*

1. Plenary and invited distinguished lectures
2. Oral and poster presentations
3. Workshops
4. Panel discussions

### **TWO DAYS PRE-CONFERENCE WORKSHOPS ON CHEMICAL EDUCATION IN AFRICA.**

**WS-1:** *Systemic Assessment as a new tool for assessing students' achievements at higher learning levels.*

**WS-2:** *ICT in Teaching and learning chemistry.*

**WS-3:** *Micro-and Semi micro scale chemistry.*

**WS-4:** *Lab safety and hazards.*

---

**“ MORE INFORMATION ABOUT ACRICE-1 WILL APPEAR IN THE SECOND ANNOUNCEMENT [1ST OF APRIL 2013]”**



**PRELIMINARY REGISTRATION FORM FOR ACRICE-1  
Addis Ababa, Ethiopia, Dec. 5-7 2013.**

Family name: \_\_\_\_\_ First name: \_\_\_\_\_

Profession / Title: \_\_\_\_\_

Organization / Institution / Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Country: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Phone / Fax: \_\_\_\_\_ Mobile: \_\_\_\_\_

\* I wish to receive further information:  Y  N

\* I plan to attend the conference:  Y  N

\* I plan to present a paper as  Oral  Poster

In sub theme N° \_\_\_\_\_

\* Accompanying persons:  1  2  more: \_\_\_\_\_

\* I plan to participate in  pre-conference workshop N° \_\_\_\_\_

post-conference social activities

Date: \_\_\_\_ / \_\_\_\_ / 2013

Signature: \_\_\_\_\_

**Please complete and return the Registration form to:**

Conference President, Dr. Temechegn Engida, email: [temechegn@gmail.com](mailto:temechegn@gmail.com)