



**The Eighth International Symposium  
on  
NEW TRENDS IN CHEMISTRY  
and  
Second Congress of the Federation of African Societies of  
Chemistry (FASC)  
*"Chemistry and National Development"***

**3-7 January 2009, Cairo University  
Giza, Egypt**

**Organized By**

**THE EGYPTIAN SOCIETY OF  
ANALYTICAL CHEMISTRY  
(ESAC)**

## **Final Report**

**In cooperation with**

- **Cairo University**
- **Federation of African Societies of Chemistry (FASC)**
- **Royal Society of Chemistry**

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## **FINAL REPORT ON**

### **The Eighth International Symposium on New Trends in Chemistry and Second Congress of the Federation of African Societies of Chemistry (FASC), Cairo, 3-7 Jan. 2009. "Chemistry and National Development"**

The Symposium was organized by the Egyptian Society of Analytical Chemistry (ESAC), established in 1984, in cooperation with Cairo University, Federation of African Societies of Chemistry and Royal Society of Chemistry.

This Symposium is a result of the success of seven previous ones which were held in 1984, 1989, 1994, 1997, 2000, 2003 and 2006 as a recommendation of the participants of the third symposium (1994) to organize it every three years instead of five to give more chances of cooperation between Egyptian and International Analytical Chemists. So, the 9<sup>th</sup> Symposium will be held in the beginning of the year 2012.

The Symposium was financially supported by:

A- Egyptian Institutions, Ministries and Organizations (Foundation and Companies).

1. Cairo University.
2. Faculty of Science, Cairo University.
3. State Ministry of Military Production.
4. Egyptian Academy of Scientific Research and Technology.
5. Center for Environmental Hazard Mitigation, Cairo University.
6. State Ministry of Environmental Affairs.
7. Modern Academy (Maadi).
8. United International Trade Company, Fouad Hassib and Partners.

9. Egyptian Tourist Authority.
10. Supreme Council of Antiquities.
11. Chemplast, Sherif Hemida and Partners.

**B- International Organizations**

1. International Union of Pure and Applied Chemistry (IUPAC).
2. Federation of African Societies of Chemistry (FASC).
3. Royal Society of Chemistry (RSC).
4. Chemical Security Program (USA).

The Symposium was held in the Conferences Center, Cairo University from 3-7 January.

It included the following sessions covering all chemistry branches.

Branch	No. of Oral Presentations	No. of poster Presentations
Analytical	16	20
Inorganic	7	17
Organic	8	14
Biochemistry	5	10
Physical	17	7

In addition to two workshops which were held within the symposium:

- Education of Chemistry on the different levels of education.
- Green Chemistry in cooperation with FASC and RSC.
- The third one which was held as a post Symposium activity on the 8<sup>th</sup> of January on Chemical Safety by the American Security Program.

Also two meetings were held during the same time,

- ESAC, IUPAC and FASC meeting where cooperation between them was discussed
- FASC (Election of the Board of FASC) meeting. It was agreed that the present Board continues its work for the next period.

About 200 participants from different countries and nationalities (Egypt, Ethiopia, Kenya, South Africa, Saudi Arabia, Iraq, Yemen, Algeria, Tunisia, Morocco, Jordan, Kuwait, Bahrain, Korea, India, United Kingdom, Austria, Portugal, Hungary, Australia and USA) attended the symposium and contributed by their recommendations in the closing session which can be summarized as follows:

- Supporting the cooperation between IUPAC, FASC and ESAC through inviting members of FASC and ESAC to be affiliated members of IUPAC to benefit from the facilities which are offered by IUPAC (projects, conferences & scientific printed matters).
- Supporting links between ESAC and FASC (Mutual Visiting of Scientists and Attending the African Conferences).
- Supporting the future cooperation between ESAC and RSC

Recommendation of the Green Chemistry Workshop:

- Incorporation between Green Chemistry issues and applications in all levels of education (including secondary education) to ensure the sustainability.
- Workshops by industry professionals to increase the environmental awareness and to create links with policy makers.
- Establish Green Chemistry Committee that can coordinate the overall activities.

- Collaborate with IUPAC committee on Green Chemistry.