

AMUCWMA / AWMA 2015

16th-18th July 2015

Women in Mathematics for Social Change & Sustainable Livelihoods!

The **African Women in Mathematics Association (AWMA)** was established in July 2013, in Capetown, South Africa, to promote mathematics and African women mathematicians. For this purpose, AWMA organizes activities such as meetings, workshops and conferences.

The 2015 **AMUCWMA - AWMA** workshop will be held in Naivasha, Kenya at the Lake Naivasha Panorama Park, Naivasha. This is the first annual general meeting of **AWMA** since its establishment, and its main purpose is to bring together African women mathematicians from the continent to advance the association's agenda, of promoting mathematics and women mathematicians in Africa. The workshop gives young women in science and mathematics the opportunity to meet role models other professional women who have successfully pursued scientific and mathematically-oriented careers.

BACKGROUND: Women in Mathematics for social change.

The workshop of African Women Mathematicians will be held during the period **16th-18th July 2015, at Lake Naivasha Panorama Park, Naivasha, Kenya**. The theme of the workshop is **"Women in Mathematics for Social Change and Sustainable Livelihoods"**

This workshop is a follow-up workshop among a series of workshops jointly organized by AMUCWMA (African Mathematical Union Commission on Women in Mathematics in Africa) and CIMPA. The first one was held in Ouagadougou (Burkina Faso), 26th-27th October 2012, and the second one was held at the African Institute of Mathematical Sciences (AIMS), Cape Town, 17th - 19th of July 2013.

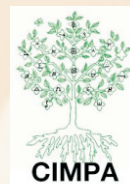
The official language of the workshop will be English.
See the website and announcement at <http://cimpa.uonbi.ac.ke>

For Non-Kenyan Participants contact; Dr. Marie - omfrancoise@yahoo.fr
For Kenyan Participants contact; Dr. Josephine - jwmdirangu@uonbi.ac.ke
To register click HERE

1- Objectives of the workshop

The main objectives of this first AWMA workshop is to bring together women from various countries within the continent to a platform where they can present their work, exchange experiences and discuss initiatives that promote Mathematics with the aim of addressing social change and creating sustainable livelihoods. There will also be plenary sessions from invited speakers representing various African regions as well as experts from elsewhere to address and facilitate specific themes of the workshop.

The workshop is intended for;
- African women mathematicians
- Doctoral students;
- Faculty members;
- All those who are interested in mathematics.



2- Main speakers; Scientific Lectures

- **Eunice Mureithi (Tanzania):** Application of mathematical models in Fluid Dynamics;
- **Livingstone Luboobi (Uganda):** Current and Future Trends of Bio-mathematics;
- **Selmana Schehrazad (Algeria):** Mathematical Modelling and Applications;
- **Susanna Terracini (Italy):** Geometric aspects of competition;
- **Tony Ezome (Gabon):** Cryptography and security of information;

Lecturers on Women Situation In Africa

- **David Malonza (Kenya):** Gender issues and the uptake of mathematics in Kenya;
- **Josephine Guidy-Wandja (Côte d'Ivoire):** Mathematician Role Models in Africa;
- **Salimata Gueye (Senegal):** Increased access for girls and Women in Higher education;
- **Nouzha El Yacoubi (Morocco):** Involvement of women in STEM for development in Africa;
- **Farai Nyabadza (South Africa):** AWMA-SAMSA collaboration geared towards women empowerment;
- **Mpfareleni Rejoice Gavhi (South Africa):** Mentorship Programmes for Young Mathematicians;
- **Adewale Solarin (Nigeria):** AMU programmes for promoting mathematics among African Girls and women.

3- International Organizing Committee

- **Fagueye Ndiaye**, Senegal
- **Josephine Guidy-Wandja**, Côte d'Ivoire
- **Marie Françoise Ouedraogo**, Burkina Faso
- **Marie-Françoise Roy**, France
- **Milaine Sergine S. Tchamga**, Cameroon
- **Rebecca Walo**, DR Congo
- **Senelani Dorothy Hove-Musekwa**, Zimbabwe
- **Sibusiso Moyo**, South Africa
- **Selmana Shehrazad**, Algeria
- **Winifred Mutuku**, Kenya
- **Yirgalem Tsegaye**, Ethiopia

4- Local Organizing committee

- **Josephine Wairimu**- Chairperson, LOC
- **Margaret Gathogo** - Maasai Mara University
- **Beth Kiratu** - Technical University of Kenya

5- Conditions for participating in the workshop

Participants are encouraged to seek funding for transportation and for their accommodation. Full board in Lake Naivasha Panorama Park, Naivasha, Kenya is estimated at an average cost of 55 euros per person per day. Transport will be provided from **Jomo Kenyatta International Airport** Nairobi to the conference venue.

The LOC will provide assistance for entry visas in Kenya, accommodation and stay for the entire period of the Symposium.

Due to limitations of resources only **some** young researchers and PhD students will have their travel and subsistence expenses covered by the organizing committee. Selections will be made based on the submitted application materials and criteria to