



# INVITING GIRLS TO APPRECIATE THE FIELD OF MATHEMATICS MATHEMATICS THE INDISPENSABLE TOOL FOR SCIENCES & TECHNOLOGY

December 6-7, 2018

at the College of Natural and Computational Sciences  
Addis Ababa University, Ethiopia.

African Women in Mathematics Association (AWMA), a nonprofit, international, non-governmental organization, is an association whose main aim is to promote women in mathematics in Africa promote mathematics among young girls and women in Africa. AWMA was founded on 19th July 2013 in Cape Town, South Africa. One of the main activities is creating opportunities for women mathematicians to meet and discuss mathematics and other related issues; organizing workshops. The program consists of lectures by invited speakers, which African women mathematicians, doctoral students, Faculty members of the universities, school teachers and all those who are interested in mathematics in the country hosting the conference benefit from. It is also a forum where our general assembly takes place to enable us do some activities like elections of members and follow-ups on other assignments. We organize workshops to:

- bring African women mathematicians together throughout the continent to discuss on the development of their association in meeting its missions and visions including elections of new Executive committee members for AWMA( at the end of each term),
- allow them participate in the discussions and actions towards solving African and global issues like improving gender-gap in the field of Mathematics,
- inspiring young girls of the countries where the meeting takes place by giving them the opportunities to attend the workshop and stay with role models in science and mathematics and mentors from the regions of Africa and the world, inspiring youngsters( both boys and girls from college and schools) by letting them attend the workshop and attending to lectures on related timely issues and high level mathematics.

The conference includes keynote lectures, paper presentations, Poster sessions, that will mainly focus on areas of mathematics that could attract young girls to come to the field of mathematics and sciences and .

The biannual AWMA meeting will also take place. Selected group of girls from various regions of the country will be given the chance to meet models in the field of mathematics in the continent.

The conference venue is centrally located in the national and computational sciences Campus of the Addis Ababa University.

## Sponsors:

Addis Ababa University

For VISA related information, please consult: [www.evisa.gov.et](http://www.evisa.gov.et)

CWM IMU Committee for Women in Mathematics IMU  
Innovation and Technology Minister

**Prof. Fatma Zohra NOURI**, Algeria  
Mathematics in Medicine and Pharmacology

**Dr. Ambassador Genet Zewdie** (former Minister of Education), Ethiopia  
Ethiopian girls education in STEM

**Prof. Mahmoud Abdel-Aty**, Vice-President of African Academy of Sciences  
Big Data Analysis of Applied Mathematics and Information Technology

**Prof Yamna GHABBAR**, President of AMAFEM, Morocco  
Mathematics and development of potentialities

**Dr Josephine Wairimu**, Kenya  
Overcoming our local barriers to excel in mathematics

**Dr. Emna JAIEM**, Tunisia  
Kohn-Vogelius - functional for voids identification from sub-Cauchy data

**W/o. Assegedech Shawel**, Ethiopia  
Attitudes of students towards female in Mathematics

## International organizing team

Marie Françoise OUEDRAOGO (AWMA Chair)

Josephine Wairimu

Schehrazad Selmane

Yirgalem Tsegaye, Organizing Chair

## Local Team

Addisalem Abathun

Dagmawit Mershay

Frezer Getachew

Gelila Dawit

Manalebish Debalke

Selamawit Tesfaye

Tadesse Abdi (Department Chair)

Tilahun Abebaw

Yirgalem Tsegaye, (Organizing Chair)

## Workshop Fee

### Foreign Participants

1. Registration only: 70 Euros
2. Registration including full board (3 nights hotel 5, 6 and 7 with meals): 230 Euros

Registration fees for Ethiopian Participants will be covered by AAU

## Important deadlines:

Submission of Abstracts: November 15

Notification of Status: November 20

Registration closes: December 1

For further information contact: [awma.workshop@gmail.com](mailto:awma.workshop@gmail.com)

