



PAN AFRICAN CONGRESS OF MATHEMATICIANS

“PACOM 2017”: www.fsr.ac.ma/PACOM2017/

Sciences Faculty, Mohammed V University in Rabat, Morocco

3 to 7 July 2017

CALL FOR ABSTRACT SUBMISSION AND REGISTRATION

Dear All,

The African Mathematical Union (AMU) has been created in 1976 during the First Pan African Congress of Mathematicians (PACOM), held in the Sciences Faculty, Mohammed V University in Rabat, Morocco.

That Congress has been a successful achievement of many meetings held since 1970, by the African Mathematicians, whom were conscious of the important role of Mathematics for sciences and their applications in the development of Africa. They seized the opportunity of that first Pan African Congress to create the African Mathematical Union (AMU).

The second edition of PACOM was held in Jose, Nigeria in 1986, the third in Nairobi, Kenya in 1991, the fourth in Ifrane, Morocco in 1995, the fifth in Cape Town, South Africa in 2000, the sixth in Tunis, Tunisia in 2004, the seventh in Yamoussoukro, Côte d'Ivoire in 2009 and the eighth in Abuja, Nigeria in 2013.

From 3 to 7 July 2017, Mohammed V University will host the 9th edition of the Pan African Congress of Mathematicians (PACOM 2017) at the Sciences Faculty in Rabat, under the item: **“Mathematics at the heart of technological innovation and economic development of Africa”**. Such item has been motivated by the fact that Africa is currently striving to achieve the much-needed socio-economic growth via innovations in Science and Technology, and of course Mathematics are at the heart of Science and technology!

Ensuring a scientific level of a high standard has been the priority of the PACOM 2017 Local and International Organizing Committees, and its members were lucky to succeed to attract as Plenary Lecturers, eminent mathematicians like Fields Medals, Chern Medal, Gauss Medal, Hans-Freudenthal Medal, etc... as well as Presidents or Vice - Presidents of prestigious Mathematical Unions or Mathematical Societies through the world including Africa. 17 plenary lecturers have honored us by accepting our invitation.

Also thirty-nine outstanding mathematicians from and outside Africa, where woman mathematicians are quite, even well, represented have accepted to contribute as members

of the PACOM 2017 Scientific Committee, and more than twenty of them have accepted to give a 45 mn invited lectures. Till now 32 invited speakers have confirmed their participation by giving a 45 mn lectures.

The scientific program of PACOM 2017 will consist on:

- 17 Plenary lectures (1hour) ;
- 5 Prize -Winners plenary lectures (30 mn) ;
- 45 lectures of 45 mn in parallel sessions
- 45 short presentations (20 mn)
- Posters

The African Mathematical Union has launched « **AMU AWARDS & MEDALS AT THE PACOM 2017** ». Outstanding prestigious Awards & Medals are proposed to be presented at the PACOM 2017(deadline for application and/or nomination : **Friday 27th January 2017**)

Otherwise, for the first time, the Local Organizing Committee of a PACOM has adopted the principal to host Satellite Conferences that will cover relevant subjects. The following three satellite conferences will be organized:

- **Mathematics teachers professional development in Africa, untitled “EduMath-PACOM 2017”**, to be held in ENS Rabat on July 4, 2017.
- **Mathematics as evolving technology, untitled “MathLogy- PACOM 2017”** to be held in Hassan II Academy for Science and Technology on July 5, 2017.
- **African women in Mathematics for social development of Africa, untitled “W-PACOM 2017”** to be held in the International University of Rabat from 6 to 7 July 2017. W-PACOM 2017 will be organized in collaboration with the AMU Commission on Women in Mathematics in Africa (AMUCWMA) and the African Women Mathematicians Association (AWMA).

Please visit the PACOM 2017 Website, more information and details are available there.

Dear Colleagues,

On behalf of the PACOM 2017 Local Organizing Committee, we am pleased to invite you to attend this important event, to submit your abstract **before November 30, 2016**, and to register, for PACOM 2017 and / or satellite conference(s) you are interested to attend.

Sincerely yours,

Prof. Nouzha EL YACOUBI,

&

Prof. El Hassan Zerouali

PACOM 2017 LOC Chair and Convener

PACOM 2017 LOC Convener

PACOM 2017 IOC Co-Chair

PACOM 2017 Steering Committee Chair

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