

8th Pan African Congress of Mathematicians (PACOM) Abuja, Nigeria
(June 30, 2013 to July 8, 2013)



First Announcement

A. Preamble

The African Mathematical Union (AMU) in cooperation with entire mathematical community in Nigeria which include: The National Mathematical Centre (NMC), Abuja, The Nigerian Mathematical Society (NMS) and Mathematical Association of Nigeria (MAN) and Government of Federal Republic of Nigeria is pleased to announce to the Mathematical Scientists in Africa and other parts of the world the 8th Pan African Congress of Mathematicians to be held in Abuja, Nigeria from June 30, 2013 to July 8, 2013. The congress will be preceded by a Pan-African Mathematics Olympiad (PAMO) from June 23 to June 30.

The Congress will be based on the Theme: **Contemporary Development in the Mathematical Sciences**, It is expected to attract Mathematical scientists from Africa and other parts of the world. The highlights of the events will include a pre-Congress General Assembly, Pre-Congress Pan African Mathematical Olympiad (PAMO), invited plenary lectures, invited lectures in the parallel sessions, short communication ,posters presentation, books exhibition, social activities, round tables and excursions .

The subject areas to be covered at the congress are:

1. Algebra and Number theory
2. Real, Complex , Global and Functional Analysis

3. ODE, PDE, Dynamical systems and Control theory
4. Topology/ Geometry- Algebraic and Differential
5. Representation Theory of groups and algebras
6. Probability and Statistics
7. Computer Science and Computational Mathematics
8. Mathematical modeling; Biomathematics, Econometrics and Engineering etc
9. Mathematical Physics
10. Mathematics Education and History of Mathematics.

**B Pre-Congress Pan-African Mathematics Olympiad (PAMO)
June 23-June 30, 2013**

Venue: **National Mathematical Centre, Kwali Abuja, Nigeria**

- (i) Arrival of PAMO Jury, June 23, 2013;
- (ii) PAMO Jury Meeting : June 24-26, 2013
- (iii) Arrival of PAMO Contestants June 25, 2013
- (iv) Opening Ceremony for PAMO: June 26, 2013
- (v) Competition Days: June 27-28, 2013
- (vi) Coordination meeting June 29-30, 2013
- (vii) Closing Ceremony, July 1, 2013.

C Congress (June 30 –July 8, 2013)

Congress Venue: International Conference Centre Abuja, Nigeria

- (i) Arrival : for General Assembly Members : June 29, 2013
- (ii) General Assembly Meeting (3 Representative from each country): June 30, 2013
- (iii) Arrival of the Congress Participants: June 30, 2013
- (iv) Opening Ceremony for the Congress: July 1, 2013
- (v) Closing Ceremony : July 8, 2013

D. Scientific Activities at the Congress

- (i) invited plenary lectures
- (ii) invited lectures in parallel sessions
- (iii) contributed research papers (short communications) in parallel session
- (iv) Posters presentation

E. EVENTS OF GENERAL MATHEMATICAL INTEREST

- (i) Symposia/ panel discussions/ round tables on general topical issues in the mathematical sciences.
- ii) Meetings with Representatives of International Mathematical and Scientific Organizations based in and outside Africa to generate International support for the various mathematical activities in Africa.
- iii) Book Exhibitions by Publishers
- iv) Mathematics prizes.

F. SOCIAL ACTIVITIES

- i) Excursion for participants and accompanying persons
- ii) other activities e.g. specially arranged entertainments (possibly cultural night), congress dinner, etc.

G. INTERNATIONAL COMMITTEE

(AMU Executive Committee)

Professor Saliou Touré (Côte d'Ivoire, Ivory Coast) – President

Professor Oluwole Daniel Makinde (South Africa) - Secretary General

Professor Moussa Ouattara (Burkina Faso)-Treasurer

Professor Chikh Bouzar (Algeria) - Vice-President for North Africa

Professor Sam Ale (Nigeria) - Vice-President for West Africa

Professor Juma Shabani (Burundi) - Vice-President for Central Africa

Professor Verdiana Masanja (Tanzania) - Vice-President for East Africa

Professor Edward Lungu (Botswana) - Vice-President for Southern Africa

Professor Mohamed Ali Jandoubi (Tunisia) - Member

Professor Leonard Todjihoundé (Bénin) - Member

Professor Mohamed El Tom (Sudan) - Member

Professor Mbainguessé Djibet (Chad) - Member

Professor Aderemi Kuku- Honorary President

Professor Abderrahman Boukricha- Honorary President

H. Members of Local Organizing Committee

1. Professor Sam O. Ale-Chairman
2. Professor A.R.T. Solarin-Vice- Chairman
3. Professor P.Onumanyi-Secretary
4. Professor B. O. Oyelami Assistant Secretary
5. Professor Aderemi Kuku- Adviser & Patron
6. Professor R.O.Ayeni- South-West zonal Representative
7. Professor G.O.S. Ekhaguere- (Scientific Committee)
8. Professor M. O. Osilike – President of NMS
9. Professor Ibrahim Galadima - President of MAN
10. Professor A. M Ochepe- (Mathematics Education)
11. Professor Abba Tijjani-North-East zonal Representative
12. Professor Ethelbert Nduka - South-South zonal Representative
13. Professor Titilayo Obilade (Statistics)
14. Professor Anthony Eke-South-East zonal Representative
15. Professor M. O. Ibrahim - North-West zonal Representative
16. Professor J A. Ogidi- Welfare
17. Professor S.U. Momoh –North-Central zonal Representative
18. Dr(Mrs.) Olabisi Ugbebor-(Women in Mathematics)
19. Mrs. C.O. Aje- (Welfare)
20. Clem Adeyemo (Publicity)
21. O.C. Njoku (Publicity)
22. C. Ezekpeazu- (Finance)
23. Azuka Bernard –(Accommodation & Transportation)

I. Contact Information

For further information please contact:

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