

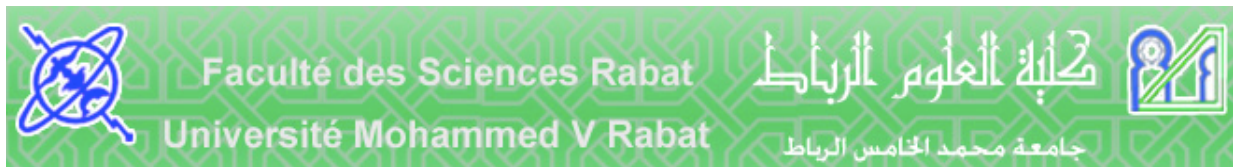


African Mathematical Union

9th PAN AFRICAN CONGRESS OF MATHEMATICIANS (PACOM 2017)

Rabat (Morocco), July 3-7, 2017

Conference Venue:
Faculty of Sciences, University Mohammed V



Theme: “Mathematics at the heart of technological innovation and economic development of Africa”.

First Announcement

➤ **Preamble:**

The African Mathematical Union (AMU) in collaboration with the Moroccan Mathematical Community under the auspices of the Ministry of Higher Education and Scientific Research and the University Mohamed V Rabat is pleased to announce to all the Mathematical scientists in Africa and other parts of the world the 9th Pan African Congress of Mathematicians (PACOM 2017) to be held in Rabat, Morocco from 3 to 7 July 2017. The Congress will be based on the theme: “Mathematics at the heart of technological innovation and economic development of Africa”.

The AMU General Assembly will be held on July 2, 2017. Each African country could be represented by at most three national mathematicians.

➤ **Scientific Program.**

The core of the scientific program is decided by a Screening Committee appointed among the PACOM 2017 Scientific Committee members. There will be invited plenary lectures (1h), invited lectures in parallel sessions (45mn), lectures by Prize winners

(30mn) (like AMU Prize, AMMSI-Griffiths Prize and other Prizes devoted to young African mathematicians), short presentations (20mn), as well as contributed poster sessions.

The subject areas to be covered at the congress are:

1. Algebra and Number Theory
2. Real, Complex, Harmonic 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. Numerical and Applied Mathematics
8. Mathematical modeling, Biomathematics, Econometrics, Engineering etc...
9. Mathematical Physics
10. Mathematics Education and History of Mathematics

➤ **Events of General Mathematics interest:**

- (i) Mini-symposia (on mathematics Education, History of mathematics etc...) Candidates for organizers of mini-symposia are encouraged to fill in an application form on the PACOM 2017 website: www.fsr.ac.ma/PACOM2017/
- (ii) Round tables on general topics issues in the mathematical sciences.
- (iii) Meetings with representatives of International Mathematical and Scientific Organizations based in and outside Africa to generate international cooperation and support for various mathematical activities in Africa.

➤ **Exhibitions:**

Space for expositions will be available at the Congress venue for mathematical societies, publishers, and other companies. Detailed information could be found on the PACOM 2017 website.

➤ **Prizes:**

For the AMU Prize, a Prize committee will be appointed by the AMU Council. A call for nominations of candidates will be published on the PACOM 2017 website.

➤ **Satellite Conferences:**

1. Satellite Conference I: “Mathematics Teachers Professional Development” to be held on Tuesday, July 4, 2017 at “Ecole Normale Supérieure (ENS) Takaddoum, University Mohammed V, Rabat.
2. Satellite Conference II: “Mathematics as a rising Technology” to be held on Wednesday, July 5, 2017 at Hassan II Academy of Sciences and Technology, Rabat.
3. Satellite Conference III: “Women in Mathematics for the social development of Africa”. To be held during July 6 and 7, 2017 at the International University of

Rabat. It will be organized in collaboration with the AMU Commission on Women in Mathematics in Africa (AMUCWMA) and the African Women Mathematicians Association (AWMA).

Participants to Satellite Conferences could enjoy some privileges in registering for the PACOM 2017. Information about these satellite conferences will be distributed through the PACOM 2017 information system. Applications can be done on line form available in the PACOM 2017 website.

➤ **Proceedings:**

Proceedings of the PACOM 2017 will be published by a recognized Editor to be announced in the PACOM 2017 Website

➤ **Grants and financial support:**

In order to ensure large African participation in the PACOM 2017, a limited number of grants will be offered for some participants across the continent who may not be able to secure support elsewhere, particularly for young mathematicians. Details of the grant program will be announced on the website on November 01, 2016.

➤ **Social program.**

Social and cultural programs, promoting informal contacts between congress participants and contact with rich cultural heritage of Morocco in general and of Rabat in particular, will be important components of the congress activities.

- Wednesday afternoon July 5 : visit of Rabat for participants and accompanying persons.
- Thursday July 6: Conference dinner.
- Saturday July 7, (Optional) for the interested participants, departure early in the morning for a visit to Marrakech (80 Euros covering Saturday night in an hotel 3*, a special diner at the well known Restaurant "CHEZ ALI" and transportation by car)

➤ **Preregistration:**

Preregistration at the PACOM 2017 website, will began soon. Preregistering mathematicians will be receiving an updated information. Wishes and comments may help the organizers to prepare the PACOM 2017 according to the expectations of its participants. Preregistered persons should register to attend the conference.

➤ **Registration fee:**

Regular registration fees until April 30, 2017, will be 200€ from May 1, 2017 it will raise to 250€. Registration fees include conference package, coffee break; Gala dinner and lunch during the period of the congress. There will be a reduced fee for students, and a special rate for accompanying persons. Details will be posted at the PACOM 2017 website.

➤ **Logistic of the PACOM 2017.**

 **Rabat:**

Rabat, capital of Morocco is located on the Atlantic coast in the North-West of Morocco. The site is the product of a fertile exchange between the Arabo-Muslim past and Western modernism. Rabat is described as a modern and historic city, and for such shared heritage, Rabat has been ranked by UNESCO in 2012 as a World Heritage of Humanity. The city shows different construction phases from the Almohad period (12th century) up to present day. It encompasses the New Town (Ville Nouvelle) conceived and built under the French Protectorate from 1912 to 1930s, including Royal and Administrative areas, residential and commercial developments, and the “Jardins d’Essais” botanical and pleasure gardens. The New Town is one of the largest and most ambitious modern urban projects built in Africa in the 20th century and probably the most complete.

Its famous historical monuments are: Archaeological site of Chellah, Archaeological site of Chellah, the Almohad ramparts and gates, the historic gardens, Hassan Mosque and Mohammed V Mausoleum.



❖ Archaeological site of Chellah,



❖ Kasbah Oudayas, (traditional coffee shop)



❖ The Andalusian medina,

Other places are pleasant to visit like the boating port Marina, located at the mouth of the mythical river Bouregreg, visitors could enjoy various restaurants and coffee shops.

Otherwise Rabat is very well connected. First there is an International Airport Rabat-Salé close to the city (15mn by taxi). Rabat could be reached also from the Casablanca Mohammed V International airport by train departing from the airport (90 mn) or by taxi (120km). The town is with good public transport (taxi, tramway)

Housing facilities

Several hotels and student residences are available near the Sciences Faculty of Rabat. The standard 3* hotel costs 60 € Euros in a single room. For a 4* hotel it is around 90 € while a 5* hotel is about 150€. Special prices can be obtained for conferences. There are also some student residences and other possibilities that the conference LOC can arrange. Moroccan restaurants provide good food and service. At 10 mn walk from the University, we have various restaurants, either Moroccan or international where a quite good menu costs is 10 - 15 Euros.

➤ **Important dates:**

The PACOM 2017 website will be systematically updated as soon as any information becomes available.

- September 01, 2016: application deadline for organizers of mini-symposia
- October 01, 2016: beginning of the registration for PACOM 2017
- November 01, 2016: announcement of the grant program
- December 31, 2016: deadline for abstract submission
- January 01, 2017: application deadline for grant
- February 28, 2017: Decision for grants
- March 31, 2017: announcement of the scientific program
- April 01, 2017: raise of the registration fees
- April 30, 2017, deadline for submission of posters
- July 02, 2017: arrival day for congress participants
- July 03, 2017: Opening of the PACOM 2017, beginning of the scientific program
- July 07, 2017: End of the scientific program

PACOM 2017 Committees:

1. PACOM 2017 International Organizing Committee

Chair: Prof Adewale Solarin, AMU President

Members:

Prof. Aderemi Kuku , AMU Honorary President
Prof SaliouTouré , AMU Honorary President
Prof. Oluwole Daniel Makinde, AMU Secretary General
Prof. S. A. Ilori, AMU Treasurer
Dr. AdamaCoulibaly, AMU Vice-President (West Africa)
Dr. Winter Sinkala, AMU Vice-President (Southern Africa)
Prof. Nouzha El Yacoubi, AMU Vice-President (North Africa)
Prof. Guy Nket, AMU Vice -President (Central Africa)
Prof. WanderaOgana, Vice- President (East Africa)
Prof. Leonard Todjhoude, AMU member
Prof. Mohamed El Tom, AMU member
Raouf Thabet, AMU member
Prof. Joel Moitsheki, AMU member

2. PACOM 2017 Local Organizing Committee

Contact: pacom2017@fsr.ac.ma

Chair and Convener:

Nouzha El Yacoubi (AMU Vice -President, North Africa)

Convener:

El Hassan Zerouali (Faculty of Sciences, University Mohammed V, Rabat)

Members:

- Mourad EL BELKACEMI (Dean, Faculty of Sciences, University Mohammed V, Rabat)
- Hassan Hbid (Dean, Faculty of Sciences Semlalia, University Cadi Ayad, Marrakech)
- Mohamed Yahyai (Vice - Dean Faculty of Sciences, University Ibn Toufail, Kenitra)
- Hassan El AMRI (Faculty of Sciences, University Hassan II , Casablanca)
- Hamza El Azhar (Faculty of Sciences, University Mohammed V, Rabat)
- Hanaa Hachimi (Ecole Nationale des Sciences Appliquées (ENSA), University Ibn Toufail, Kenitra)
- M'Feddal Hilali (International University of Rabat)
- Nadir Maaroufi (International University of Rabat)
- Houssame Mahzouli (Faculty of Sciences, University Mohammed V, Rabat)
- My Ismail Mamouni (Centre Régional des Métiers de l' Education et Formation (CRMEF), Rabat)
- Khalid Najib (Ecole Nationale de l'Industrie Minérale (ENIM), Rabat)
- Hatim Naqos (Faculty of Sciences, University Mohammed V, Rabat)

PACOM 2017 Scientific Committee

1. Prof. Adewale Solarin (AMU President, Chair of PACOM 2017 International Organizing Committee **Nigeria**),
2. Prof. Daniel Makinde (AMU Secretary General, **South Africa**),
3. Prof. Nouzha El Yacoubi (**Woman**) (AMU Vice - President , NorthAfrica , Chair and Convener of PACOM 2017 Local Organizing Committee (LOC), **Morocco**)
4. Prof. El Hassan Zerouali (Chair of the Screening Committee and Convener of PACOM 2017 LOC, University Mohammed V Rabat, **Morocco**)
5. Prof. Aderemi Kuku (President AAS, **Kenya/Nigeria**)
6. Prof. Wandera Ogana (AMMSI Program Director and President CDC, University of Nairobi, **Kenya**).
7. Ahmed El Soufi (CIMPA Regional Scientific Officer, **France/ Egypt**)
8. Prof. John Adeniran (UNESCO-NMC chair of Mathematics-Coordinator, **Nigeria**)
9. Prof. M. Nobert Hounkonnou, (ICMPA-UNESCO Chair - President, **Benin** National Academy of Sciences, University of Zambia, Lusaka, **Zambia**)
10. Prof. Youssef Ouknine (Hassan II Academy of Sciences and Technology, University Cadi Ayyad, Marrakech , **Morocco**)
11. Prof. Omar El Fallah (University Mohammed V Rabat, **Morocco**)
12. Prof. Abba Gumel (Arizona State University, **USA**)
13. Prof. Edward Lungu (University of Botswana, **Botswana**)
14. Boyan Slavchev Sirakov (PUC-Rio, **Brazil**)
15. Prof. Hamidou Touré (Université Ouagadougou 1, **Burkina Faso**)
16. Prof. Joseph Y.T. Mugisha, (Makerere University, **UGANDA**)
17. Prof. Mercedes Siles Molina (**Woman**) (University of Malaga, **Spain**)
18. Prof. Mostapha Mbekhta (University of Lille, **France**)
19. Prof. John Conway (George Washington University, **USA**).
20. Prof. Mohammad Sal Moslehian, (Ferdowsi University of Mashhad, **Iran**),
21. Prof. Olivier Goubet (University Picardi julverne , **France**)
22. Prof. Rajendra Bhatia (Indian Statistical Institute, New Deli, **India**)
23. Prof. Alicia Dickenstein (**Woman**) (IMAS, Buenos Aires, **Argentina**)
24. Prof. Ya-xiang Yuan, (Academy of Mathematics and Systems Sciences, Chinese Academy of Sciences President of Chinese Mathematical Society, **China**).
25. Prof. Kristian Seip (Norwegian University of Science and Technology, **Norway**),
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30. Prof. Sang-il Oum(KAIST, **South Korea**),
31. Prof. Kathryn Hess (**Woman**) (Ecole polytechnique de Lausanne, **Switzerland**)
32. Prof. Youngju Choie (**Woman**) (Pohang University of Science and Technology, **Korea**)
33. Prof. Dan Tiba, Institute of Mathematics, Romanian Academy, Bucharest, **Romania**).

34. Prof. Mamokgethi Phakeng (**Woman**), (UNISA, **South Africa**)
35. Prof. Ali Chamseddine (American University of Beirut, **Lebanon**)
36. Prof. Mamadou Sangharé (University Cheikh Anta Diop, **Senegal**)
37. Prof Mohamed Darwish (King Abdulaziz University, **Saudi Arabia** & Damanhour University, **Egypt**).
38. Prof. Kinvi Kangni (Université Félix Houphouet Boigny Abidjan, **Côte d'Ivoire**).

For more information visit the PACOM 2017 website:
www.fsr.ac.ma/PACOM2017/

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