

تحت الرعاية السامية لصاحب الجلالة الملك محمد السادس

UNDER THE HIGH PATRONAGE OF HIS MAJESTY, KING MOHAMMED VI



9th PAN AFRICAN CONGRESS OF MATHEMATICIANS
(PACOM 2017)
Rabat (Morocco)
July 3-7, 2017

Conference Venue :
Faculty of Sciences, Mohammed V University



Theme :

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

Second Announcement
Revisited in June 2017



Académie
Hassan II
des Sciences
& Techniques



Preamble :

Under the High Patronage of His Majesty King Mohammed VI, the 9th Pan African Congress of Mathematicians (PACOM 2017) will be organized by the African Mathematical Union (AMU) and the Mohammed V University in Rabat, at the Sciences Faculty 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, at 3.00 pm at the Sciences Faculty in Rabat. Each African country could be represented by at most three national mathematicians.

The PACOM 2017 Opening Ceremony will be held at Mohammed V Theater in Rabat at 9 :00 am , July 3, 2017. It will be followed by the « Welcome Tea » and the inaugural Plenary lecture.

Scientific Program :

The sessions will start each day at 8 :30am from July 03 to 07, 2017.

The scientific program has been decided by a Screening Committee appointed among the PACOM 2017 Scientific Committee members. It is available on the website

<http://www.fsr.ac.ma/pacom2017/Schedule.php>.

The topics 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. Symposium : Organized by Prof. Nadia Raïssi and Dr. Abdessamad Tridane under the theme “Mathematical Modelling of Complexity in Life Science”
- ii. UNESCO Round table, to be held at Hassan Ii Academy of Sciences and Technology, July 5, 2017, at 3.30 pm
- iii. UNESCO Workshop , to be held at the Sciences Faculty, 7July 7, 2017 at 9.00 am
- iv. 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 :

- i. London Mathematical Society : www.lms.ac.uk
- ii. Springer <http://www.springer.com>

Prizes :

The PACOM 2017 AMU Medals laureates have been selected and announced. They will be awarded during the PACOM 2017 Opening Ceremony.

Satellite Conferences :

1. Satellite Conference I : “Mathematics Teachers Professional Development” to be held on Tuesday, July 4, 2017 at “Ecole Normale Supérieure (ENS) Takaddoum [website <http://ens.um5.ac.ma>], Mohammed V University, Rabat.
2. Satellite Conference II : “Mathematics as evolving Technology” to be held on Wednesday, July 5, 2017 at Hassan II Academy of Sciences and Technology, Rabat [website <http://www.academie.hassan2.sciences.ma>]
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 [website <http://www.uir.ac.ma>]. It is organized in collaboration with the AMU Commission on Women in Mathematics in Africa (AMUCWMA) and the African Women Mathematicians Association (AWMA).

Proceedings :

Proceedings will be published by a recognized editor to be selected.

Grants and financial support :

Grants have been offered for some participants.

Social program :

Monday morning July 3 at 9.00 AM : Opening ceremony at Mohammed V theater, Rabat : Welcome Tea, Art Exhibition by Professor Noha El Khattabi “Queens of Afrika” and a choir by “Chams El Assil”

Wednesday July 5 :



Fig. 0.1: Mohammed V theater

1. Afternoon, Visit of Rabat for participants and accompanying persons.



Fig. 0.2: Archaeological site of Chellah



Fig. 0.3: Kasbah Oudayas, (traditional coffee shop)



Fig. 0.4: 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.

2. 8.30 PM Gala dinner at Narjiss club

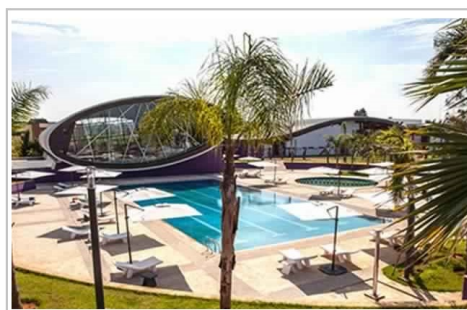


Fig. 0.5: Narjiss club

Registration fee :

Regular registration fees : 250 €.

Registration fees include conference package, coffee break, Gala dinner and lunch during the period of the congress.

N.B : Dinner is not included.

There will be a reduced fee for students, and a special rate for accompanying persons. Details are posted at the PACOM 2017 website www.fsr.ac.ma/pacom2017.

Logistic of the PACOM 2017 :***Congress Venue :***

The congress will take place at the Faculty of Sciences, Rabat, capital of Morocco which is located on the Atlantic coast in the North-West of Morocco.

The International Airport “Rabat-Salé” is close to the city (15mn by taxi, price : 20 €). Rabat could be reached also from the Casablanca Mohammed V International airport by train (every hour <http://www.oncf.ma>) departing from the airport (90 mn, Price less than 10 €).

Rabat is with good public transport (taxi, tramway).

Access to the Conference venue will be facilitated by the provision of an entry badge.

Official Languages :

Official languages of the Congress are French and English.

Housing facilities :

Hotels : Several hotels and student residences are available near the Sciences Faculty of Rabat. The standard 3★ hotel costs 60 € 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 (website <http://beventravel.com>).

There are also some student residences and other possibilities : University residence ‘ **Bayt Al Maarifa** ’ : at 10 minutes from the faculty of sciences by tram.

1. Single room : 80 € per week.
2. Double room : 60 € per week.

If you are interested, book a room : <http://www.baytmaalrifa.ma/?page=rabat>

Meals : Participants will have a daily lunch and two coffee breaks during the five days of the Conference. A dinner will be offered on July 05, 2017 at Narjiss club.

Moroccan restaurants provide good food and service.

At 10 min walk from the faculty of Sciences, restaurants either Moroccan or international could be reached by walking or by taxi, where a quite good menu costs 10 - 15 €.

Registration/ Online registration :

Non-registered participants are strongly encouraged to register on the website www.fsr.ac.ma/pacom2017.

Visa requirements :

Valid passports and entry visas are required to visit Morocco for some nationalities. Participants are advised to consult the nearest Moroccan Diplomatic Mission for details.

Important dates :

1. July 02, 2017 : Arrival day for congress participants. Registration from 9 h 00 – 20h 00 at the Faculty of Sciences of Rabat.
2. July 3, 2017 : Opening ceremony of the PACOM 2017 Mohammed V Theater.
3. July 07, 2017 : End of the scientific program

Poster dimension :

A2 paper format. An optional template is available on the website.

PACOM 2017 Committees***PACOM 2017 International Organizing Committee :***

Chair : Prof Adewale Solarin, AMU President
e-mail : asolarin2002@yahoo.com

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
Prof. Guy Nket, AMU Vice -President (Central Africa)
Prof. Wandera Ogana, Vice- President (East Africa)
Prof. Nouzha El Yacoubi, AMU Vice-President (North Africa)
Dr. Winter Sinkala, AMU Vice-President (Southern Africa)
Dr. Adama Coulibaly, AMU Vice-President (West Africa)
Prof. Mohamed El Tom, AMU member
Prof. Joel Moitsheki, AMU member
Dr. Raouf Thabet, AMU member
Prof. Leonard Todjhounde, AMU member

PACOM 2017 Local Organizing Committee :

Contact : pacom2017@fsr.ac.ma

Chair and Convener : Nouzha El Yacoubi (AMU Vice -President, North Africa, Mohammed V University)
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Convener : El Hassan Zerouali (Faculty of Sciences, University Mohammed V, Rabat)
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Members :

Faculty of Sciences, Mohammed V University, Rabat :

Mourad EL BELKACEMI (Dean)
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Noha El Khattabi
Nadia Raissi
Houssame Mahzouli
Jilali Mikram
Hatim Naqos
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Hafid Bahajji-El Idrissi
Soukaina Sabir
Manale El Hamri
Ibtihaj El Mamoun
Ismail El Moudden
Nabil Moukafih
Mounir Ouzir
Kaoutar Taha
Loubna Terhzaz
Ismail Boulahna

International University of Rabat

M'Feddal Hilali
Nadir Maaroufi

Faculty of Sciences Semailia, Cadi Ayad University, Marrakech

Hassan Hbid (Dean)

Faculty of Sciences, Ibn Tofail University, Kenitra

Mohamed Yahyai (Vice - Dean)

PACOM 2017 Scientific Committee :

- 1 Prof. John Adeniran (UNESCO-NMC Chair of Mathematics-Coordinator, Nigeria)
- 2 Prof. Jill Alder (University of the Witwatersrand, South Africa)
- 3 Prof. Weizhu Bao (National University of Singapore)
- 4 Prof. Rajendra Bhatia (Indian Statistical Institute, New Deli, India)
- 5 Prof. Ali Chamseddine (American University of Beirut, Lebanon)
- 6 Prof. Youngju Choie (Pohang University of Science and Technology, Korea)
- 7 Prof. John Conway (George Washington University, USA)
- 8 Prof. Mohamed Darwish (King Abdulaziz University, Saudi Arabia / Damanhour University, Egypt)
- 9 Prof. Alicia Dickenstein (IMAS, Buenos Aires, Argentina)
- 10 Prof. Michael Dritschel (Newcastel University, UK)
- 11 Prof. Omar El Fallah (Mohammed V University, Rabat, Morocco)
- 12 Prof. Ahmed El Soufi (CIMPA Regional Scientific Officer, France/ Egypt)
- 13 Prof. Nouzha El Yacoubi (AMU Vice - President for North Africa , Chair and Convener of PACOM 2017 Local Organizing Committee, Morocco)
- 14 Prof. Carolyn S. Gordon (Dartmouth College. New Hampshire USA)
- 15 Prof. Olivier Goubet (University Picardie Jules Verne, France)
- 16 Prof. Abba Gumel (Arizona State University, USA)
- 17 Prof. Kathryn Hess (Ecole Polytechnique de Lausanne, Switzerland)
- 18 Prof. M. Nibert Hounkonnou, (ICMPA-UNESCO Chair – President of the Benin National Academy of Sciences, University of Zambia, Lusaka, Zambia)
- 19 Prof. Gabriele Kaiser (ICME-13 Convenor, University of Hamburg, Germany)
- 20 Prof. Kinvi Kangni (Félix Houphouët Boigny University Abidjan, Côte d'Ivoire)
- 21 Prof. Aderemi Kuku (President AAS, Kenya/Nigeria)
- 22 Prof. Edward Lungu (University of Botswana, Botswana)
- 23 Prof. Daniel Makinde (AMU Secretary General, South Africa)
- 24 Prof. Mostapha Mbekhta (University of Lille, France)
- 25 Prof. Joseph Y.T. Mugisha, (Makerere University, UGANDA)
- 26 Prof. Wandera Ogana (AMMSI Program Director and CDC President, University of Nairobi, Kenya)
- 27 Prof. Youssef Ouknine (Hassan II Academy of Sciences and Technology, Cadi Ayyad University , Morocco)
- 28 Prof. Sang-il Oum (KAIST, South Korea)
- 29 Prof. Mamokgethi Phakeng (UNISA, South Africa)
- 30 Prof. Mohammad Sal Moslehian, (Ferdowsi University of Mashhad, Iran)
- 31 Prof. Mamadou Sangharé (National Academy of Sciences and Technology of Senegal, University Cheikh Anta Diop, Senegal)
- 32 Prof. Kristian Seip (Norwegian University of Science and Technology, Norway)
- 33 Prof. Mercedes Siles Molina (University of Malaga, Spain)
- 34 Boyan Slavchev Sirakov (PUC-Rio, Brazil)
- 35 Prof. Adewale Solarin (AMU President, Chair of PACOM 2017 International Organizing Committee, Nigeria)
- 36 Prof. Dan Tiba, Institute of Mathematics, Romanian Academy, Bucharest, Romania)
- 37 Prof. Hamidou Touré (University of Ouagadougou 1, Burkina Faso)
- 38 Prof. Ya-xiang Yuan, (Academy of Mathematics and Systems Sciences, Chinese Academy of Sciences President of Chinese Mathematical Society, China)

39 Prof. El Hassan Zerouali (Chair of the PACOM 2017 Screening Committee and Convener of PACOM 2017 LOC, Mohammed V University Rabat, Morocco)

For more information visit the PACOM 2017 website :

www.fsr.ac.ma/pacom2017

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