November 15, 2021

AIMS Cameroun – Limbe

International cooperation in mathematics: some examples, including CIMPA, EMS - CDC, IMU - CDC, ICTP, TWAS, OWSD, Simons Foundation, ISP, RNTA, APSA, SARIMA, AFRIMath

Michel Waldschmidt

Professeur Émérite, Sorbonne Université,
Institut de Mathématiques de Jussieu, Paris
http://www.imj-prg.fr/~michel.waldschmidt/

CIMPA

CIMPA
Centre International de Mathématiques Pures et Appliquées

https://www.cimpa.info/index.php

Funding Opportunities

We give below a list of international institutions, organisations or foundations which work for the promotion of education and research and are likely to open calls and provide funding for the development of mathematics with a special emphasis on developing and emerging countries.

- Agence Universitaire de la Francophonie (AUF)
- European Mathematical Society - Committee for Developing Countries (EMS-CDC)
- International Centre for Theoretical Physics (ICTP)
- International Mathematical Union - Commission for Developing Countries (IMU-CDC)
- International Science Program (ISP)
- Organization for Women in Science for the Developing World (OWSD)
- Schlumberger Foundation
- Simons Foundation
- The World Academy of Sciences (TWAS)
- Volkswagen Foundation

Please let us know your suggestions to extend the above list by sending an email to director@cimpa.info.

CIMPA

The **Centre International de Mathématiques Pures et Appliquées (CIMPA)**, founded in France in 1978, is a nonprofit organisation that promotes research in Mathematics in developing countries. Located in Nice, it is a UNESCO Category 2 centre and is part of the Laboratoire d'Excellence CARMIN (Centres d'Accueil et de Rencontres Mathématiques Internationales). It benefits from the financial support of France, Norway, Spain and Switzerland.

https://www.cimpa.info/en/node/9

CIMPA

CIMPA co-organises and sponsors numerous activities in developing countries, in all continents. Each activity is funded through a process of calls for proposals in one of the following categories:

- **CIMPA Schools**: This is the historical activity of CIMPA, it focuses on areas where there is a real drive to develop mathematics and where there is a scope for a research project. Calls for proposals are launched every year to organise about twenty CIMPA Schools per year.
- **CIMPA Courses**: This program consists in funding the organisation of master and research level courses in mathematics within the geographic areas of activities of CIMPA (Africa, Central and South America, Asia). Every year, two calls for proposals are launched with deadlines in early January and early July.
- **CIMPA Fellowships**: CIMPA funds the participation of young mathematicians from developing countries to short-term thematic international programs organised by some of our partner institutions. A call for applications is opened for each program.

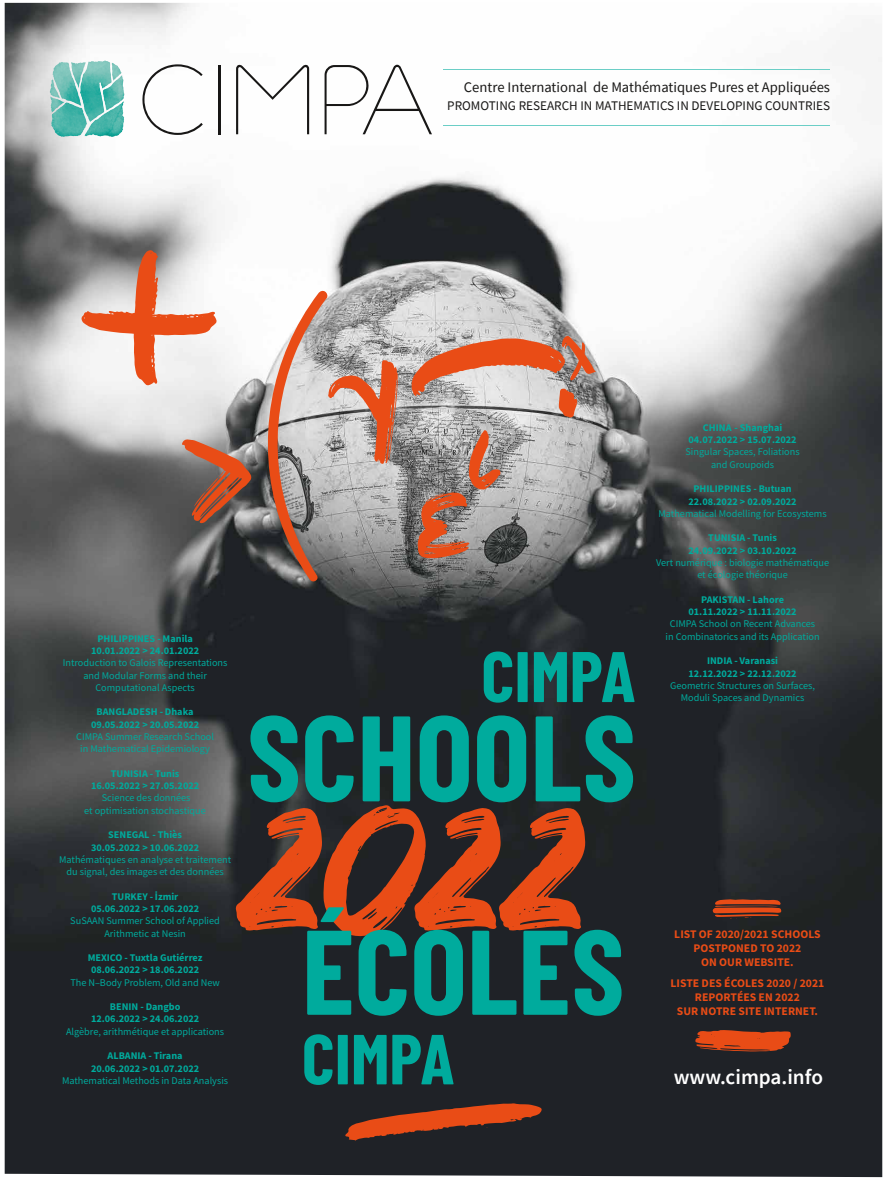
https://www.cimpa.info/en/node/9

CIMPA

CIMPA also strongly supports activities developed in close collaboration with continental mathematical unions, such as **Schools in Partnership**, the purpose of which is to introduce undergraduate and Master students to research in mathematics. For most of its activities, CIMPA works in partnership with other organisations with similar objectives, such as the International Mathematical Union (IMU), the European Mathematical Society (EMS) and the International Centre for Theoretical Physics (ICTP).

https://www.cimpa.info/en/node/9

CIMPA


CIMPA
Centre International de Mathématiques Pures et Appliquées
PROMOTING RESEARCH IN MATHEMATICS IN DEVELOPING COUNTRIES
CHINA - Shanghai
04.07.2022 > 15.07.2022
Singular Spaces, Foliations and Groupoids
PHILIPPINES - Butuan
22.08.2022 > 02.09.2022
Mathematical Modelling for Ecosystems
TUNISIA - Tunis
24.09.2022 > 03.10.2022
Vert numérique : biologie mathématique et écologie théorique
PAKISTAN - Lahore
01.11.2022 > 11.11.2022
CIMPA School on Recent Advances in Combinatorics and its Application
INDIA - Varanasi
12.12.2022 > 22.12.2022
Geometric Structures on Surfaces, Moduli Spaces and Dynamics
PHILIPPINES - Manila
10.01.2022 > 21.01.2022
Introduction to Galois Representations and Modular Forms and their Computational Aspects
BANGLADESH - Dhaka
09.05.2022 > 20.05.2022
CIMPA Summer Research School in Mathematical Epidemiology
TUNISIA - Tunis
16.05.2022 > 27.05.2022
Science des données et optimisation stochastique
SENEGAL - Thiès
30.05.2022 > 10.06.2022
Mathématiques en analyse et traitement du signal, des images et des données
TURKEY - İzmir
05.06.2022 > 17.06.2022
SuSAAN Summer School of Applied Arithmetic at Nesin
MEXICO - Tuxtla Gutiérrez
08.06.2022 > 18.06.2022
The N-Body Problem, Old and New
BENIN - Dangbo
12.06.2022 > 24.06.2022
Algèbre, arithmétique et applications
ALBANIA - Tirana
20.06.2022 > 01.07.2022
Mathematical Methods in Data Analysis
CIMPA
SCHOOLS
2022
ÉCOLES
CIMPA
LIST OF 2020/2021 SCHOOLS POSTPONED TO 2022 ON OUR WEBSITE.
LISTE DES ÉCOLES 2020 / 2021 REPORTÉES EN 2022 SUR NOTRE SITE INTERNET.
www.cimpa.info

CIMPA Schools in 2022

DANGBO 2022 12/06/2022 to : 24/06/2022 Algèbre, arithmétique et applications

THIES 2022 30/05/2022 to : 10/06/2022
Mathématiques en analyse et traitement du signal, des images et des données

TUNIS 2022 24/09/2022 to : 03/10/2022
Vert Numérique : biologie mathématique et écologie théorique

TUNIS 2022 16/05/2022 to : 27/05/2022
Science des données et optimisation stochastique

2021 CIMPA School postponed due to Covid 19

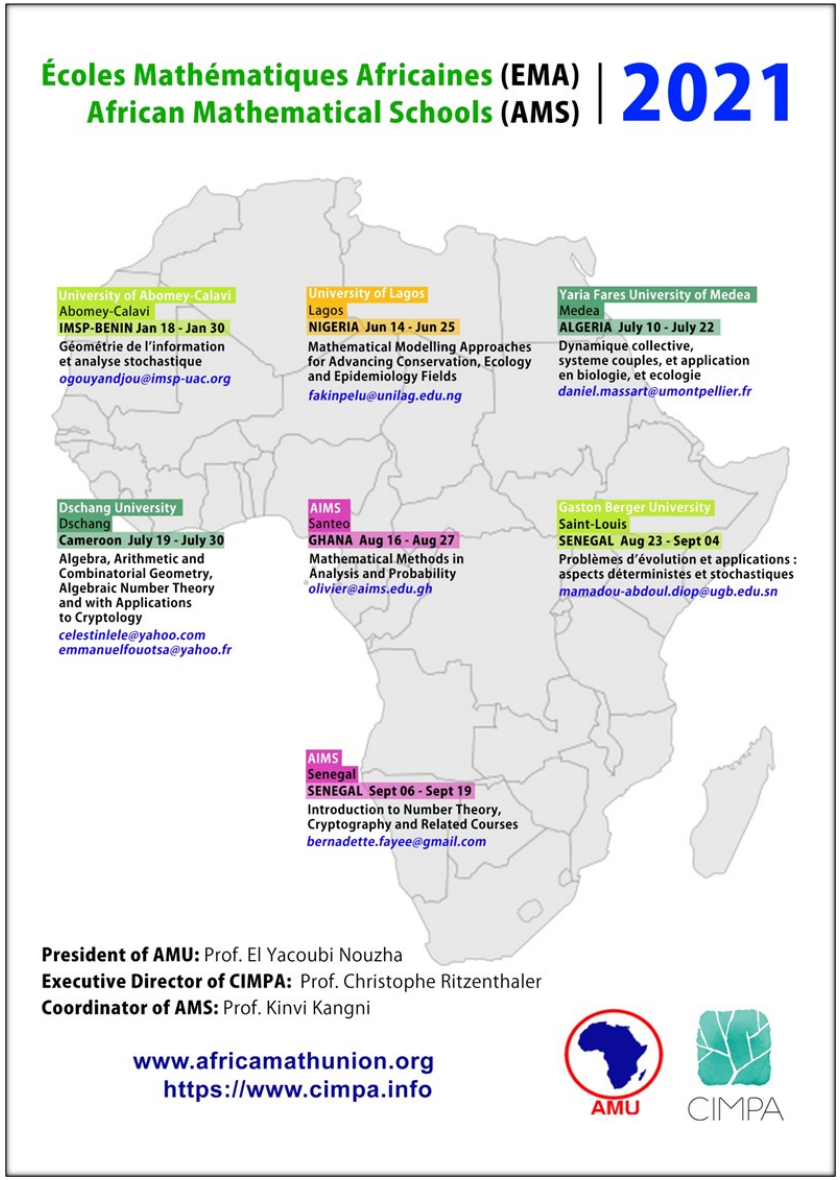
DANGBO 2022 29/08/2022 to : 09/09/2022
Partial Differential Equations (PDEs) and Calculus of Variations

BRAZZAVILLE 2022 13/06/2022 to : 25/06/2022
École de géométrie

MBOUR 2022 27/06/2022 to : 08/07/2022
Cryptography, Theoretical and Computational Aspects of Number Theory

CAPETOWN 2022 18/07/2022 to : 29/07/2022
Mathematical and Statistical Methods for Data Sciences

2021 CIMPA African Mathematical Schools (AMS)



https://www.cimpa.info/en/node/7021

EMS Committee for Developing Countries

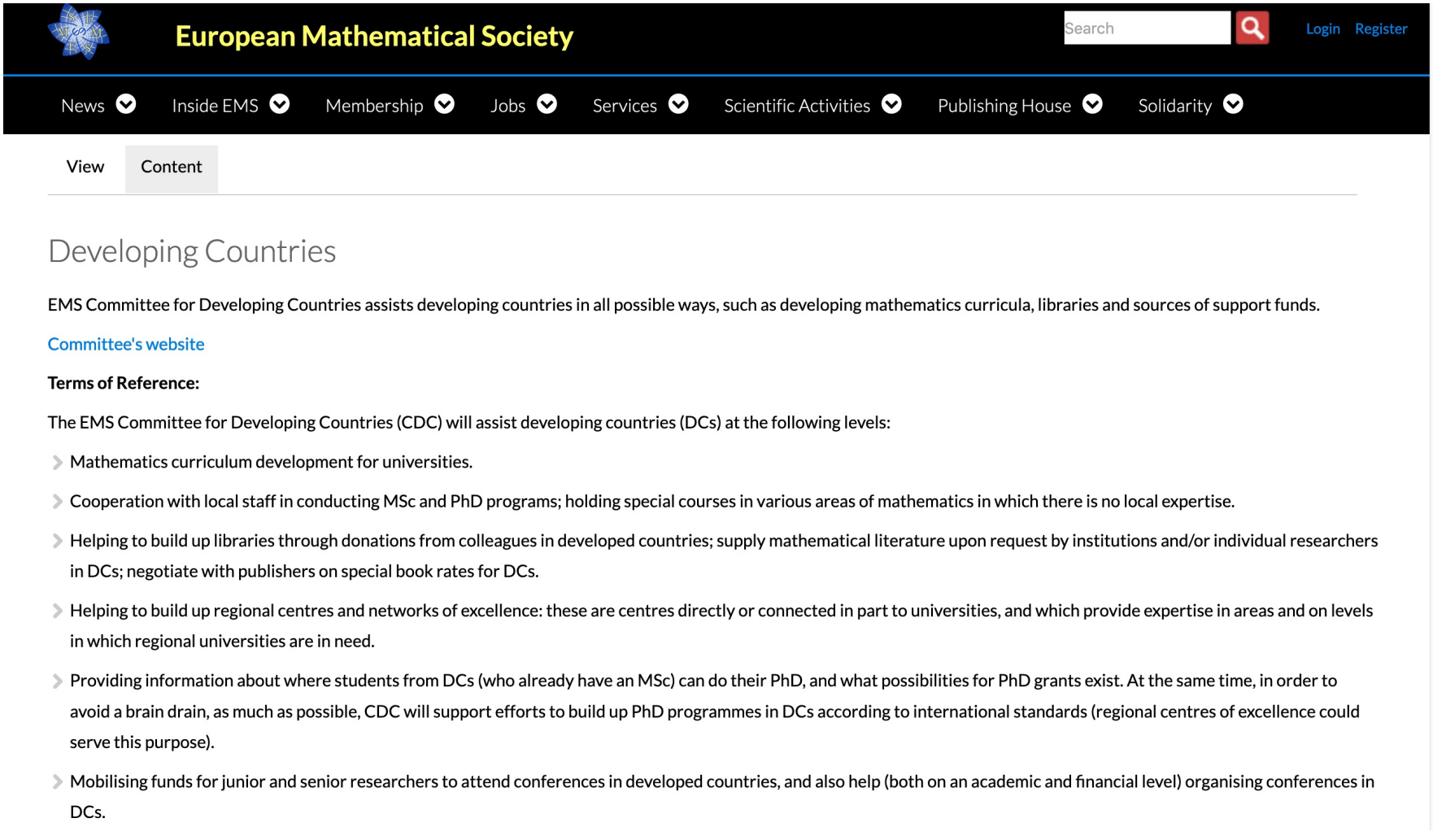
EMS
European Mathematical
Society

EMS Committee for Developing Countries assists developing countries in all possible ways, such as developing mathematics curricula, libraries and sources of support funds.

https://euromathsoc.org/

https://euromathsoc.org/committee-developing-countries

EMS CDC (Committee for Developing Countries)



European Mathematical Society

Search

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News Inside EMS Membership Jobs Services Scientific Activities Publishing House Solidarity

View Content

Developing Countries

EMS Committee for Developing Countries assists developing countries in all possible ways, such as developing mathematics curricula, libraries and sources of support funds.

Committee's website

Terms of Reference:

The EMS Committee for Developing Countries (CDC) will assist developing countries (DCs) at the following levels:

- Mathematics curriculum development for universities.
- Cooperation with local staff in conducting MSc and PhD programs; holding special courses in various areas of mathematics in which there is no local expertise.
- Helping to build up libraries through donations from colleagues in developed countries; supply mathematical literature upon request by institutions and/or individual researchers in DCs; negotiate with publishers on special book rates for DCs.
- Helping to build up regional centres and networks of excellence: these are centres directly or connected in part to universities, and which provide expertise in areas and on levels in which regional universities are in need.
- Providing information about where students from DCs (who already have an MSc) can do their PhD, and what possibilities for PhD grants exist. At the same time, in order to avoid a brain drain, as much as possible, CDC will support efforts to build up PhD programmes in DCs according to international standards (regional centres of excellence could serve this purpose).
- Mobilising funds for junior and senior researchers to attend conferences in developed countries, and also help (both on an academic and financial level) organising conferences in DCs.

https://nickpgill.github.io/emscdc/about

EMS CDC

The Committee for Developing Countries is a committee of the European Mathematical Society

Aims and Objectives

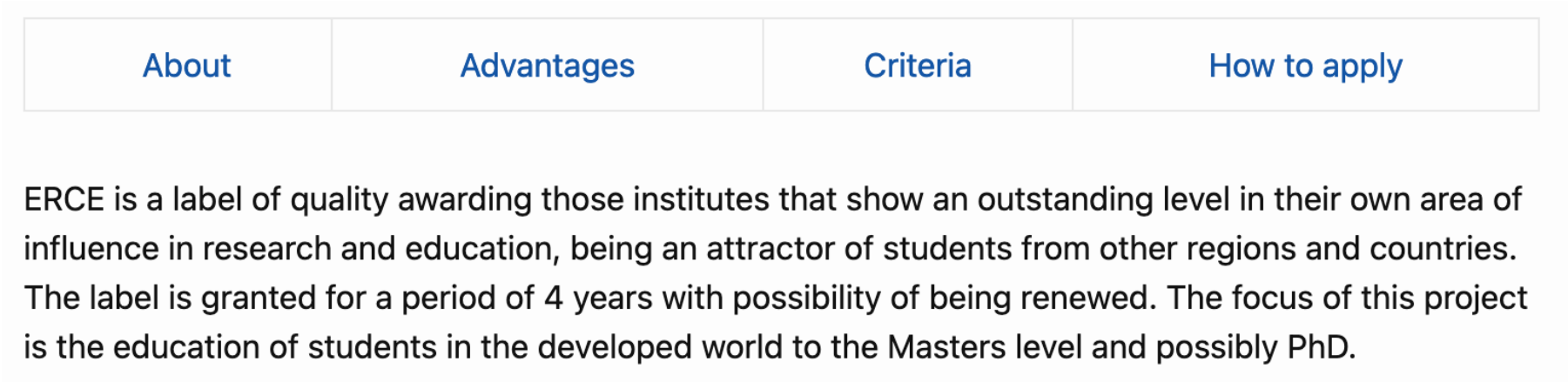
We aim to assist developing countries in all possible ways. Some examples:

- the development of mathematics curricula;
- cooperation with local staff in conducting M.Sc. and Ph.D. programs;
- helping to build up libraries;
- helping to build up regional centres and networks;
- providing information about further studies for students from developing regions;
- sourcing funds for junior and senior researchers to attend conferences.

https://nickpgill.github.io/emscdc/about

ERCE (Emerging Regional Centres of Excellence)

2019-23 : VIASM (Vietnam) ;
2022-25 : AUST (Nigeria), ZLAM (Iran), IMSP (Benin), UCA (Morocco), ITB (Indonesia), INSPEM (Malaysia).



https://nickpgill.github.io/emscdc/erce

Previous holders of the ERCE label : ASSMS (Pakistan), UB (Botswana), CIMAT (Mexico).

EMS-CDC News About us Activities EMS-Simons for Africa Programme ERCE

African University of Science and Technology, Mathematics Institute, Abuja, Nigeria

The African University of Science and Technology (AUST) is a Pan-African institution, established in 2007. AUST in Abuja was the first of these Centers of Excellence to be established. It currently only offers Graduate level programs by a combination of course work and cutting edge research.

More information on the department of mathematics can be found at their webpage.

https://nickpgill.github.io/emscdc/erce_aust

EMS-CDC News About us Activities EMS-Simons for Africa Programme ERCE

Probability and Statistics, Université Cadi Ayyad

Based in Marrakech, Morocco, this department received the ERCE label in 2016.

More information on the department of mathematics can be found at their webpage.

https://nickpgill.github.io/emscdc/erce_uca

Institut de Mathématiques et de Sciences Physiques, Dangbo, Benin (IMSP)

Based in Dangbo, Benin, IMSP received the ERCE label in 2016.

More information on IMSP can be found at their webpage.

https://nickpgill.github.io/emscdc/erce_imsp

Call for Applications ERCE 2022-2026 Emerging Regional Centre of Excellence

ERCE (Emerging Regional Centre of Excellence) is a label awarded by the EMS-CDC (European Mathematical Society-Committee of Developing Countries) to centres which have achieved an outstanding level in their area of influence in research and education, thus attracting students from other regions and countries. Indeed, the education of master and PhD students is an asset for raising the quality and diffusion of mathematics worldwide. ERCE centres are among those which play an important role in training students in their region, particularly more students from less developed areas. With the global proliferation of emerging economies worldwide, there are varying degrees of development among developing countries, just as there are within the developed world.

https://ems.press/journals/mag/articles/16601

Call for Applications ERCE 2022-2026

Very good centres exist in emerging economies where students from the least developed regions can be trained to the master level and beyond. Indeed, the most talented students may wish to pursue further education after the master's degree and be eligible for a PhD. A higher number of masters and PhDs is an enrichment for any country in terms of human resources with specialised high competence. A full education obtained in one of the outstanding centres in the region is a better guarantee for returning to the original country and as such is an effective way of fighting brain drain, whilst also being cost effective. In this spirit, the first ERCE centre label was awarded in 2011. Since then, several other centres obtained this prestigious recognition.
With the success of this scheme the EMS-CDC is now opening a new call for applications.

https://ems.press/journals/mag/articles/16601

EMS Simons For Africa

EUROPEAN MATHEMATICAL SOCIETY

News Magazine Membership Services Activities

Scientific Activities Regional Conferences ECM Pr

EMS-Simons for Africa

A program for scientific visits of young and established researchers from the African Continent administered by the EMS Committee for Developing Countries.

https://euromathsoc.org/ems-simons-africa

EMS Simons For Africa

The African Continent is very diversified and the development of a career in mathematics faces different and sometimes difficult progression. The Committee for Developing Countries of the EMS, with the support of the Simons Foundation, opens a program of research visits to foster research opportunities for young and established researchers.

The aim is to promote individual career possibilities with consequence of an improved global capacity in African academic institutions. The program is open to all areas of pure and applied mathematics and statistics and it is directed to fellows based in Africa.

https://euromathsoc.org/ems-simons-africa

IMU

Commission for Developing Countries (CDC)

The CDC has the mandate to manage all initiatives of the IMU in support of mathematics in developing and economically disadvantaged countries.

Besides administering the Grants Programs for Mathematicians as well as the Volunteer Lecture Program, the CDC takes part in the following types of activities in accord with various aspects of its mission :

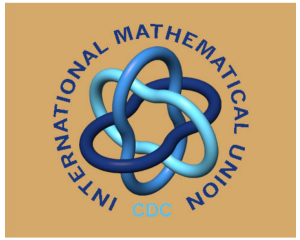
https://www.mathunion.org/activities/commission-developing-countries-cdc

- Research
- Support of local initiatives
- Support of Educational and Local Capacity Building Programs
- Implementation of IMU member contribution programs destined for support of mathematics and mathematics teaching in developing countries.
- Exploration of funding and grant opportunities of new and existing sponsors.
- Development of proposals and joint activities with partner organizations.
- Identification of inexpensive and free online mathematics research resources and advertise these to mathematicians in the developing world.
- Service as a "clearing-house" for the activities of individual countries and mathematics societies in support of mathematicians in the developing world.
- Encouragement of proposals and support projects from mathematical organizations or individual mathematicians in the developing world

In order to pursue its mission CDC receives an annual grant from IMU.

IMU CDC

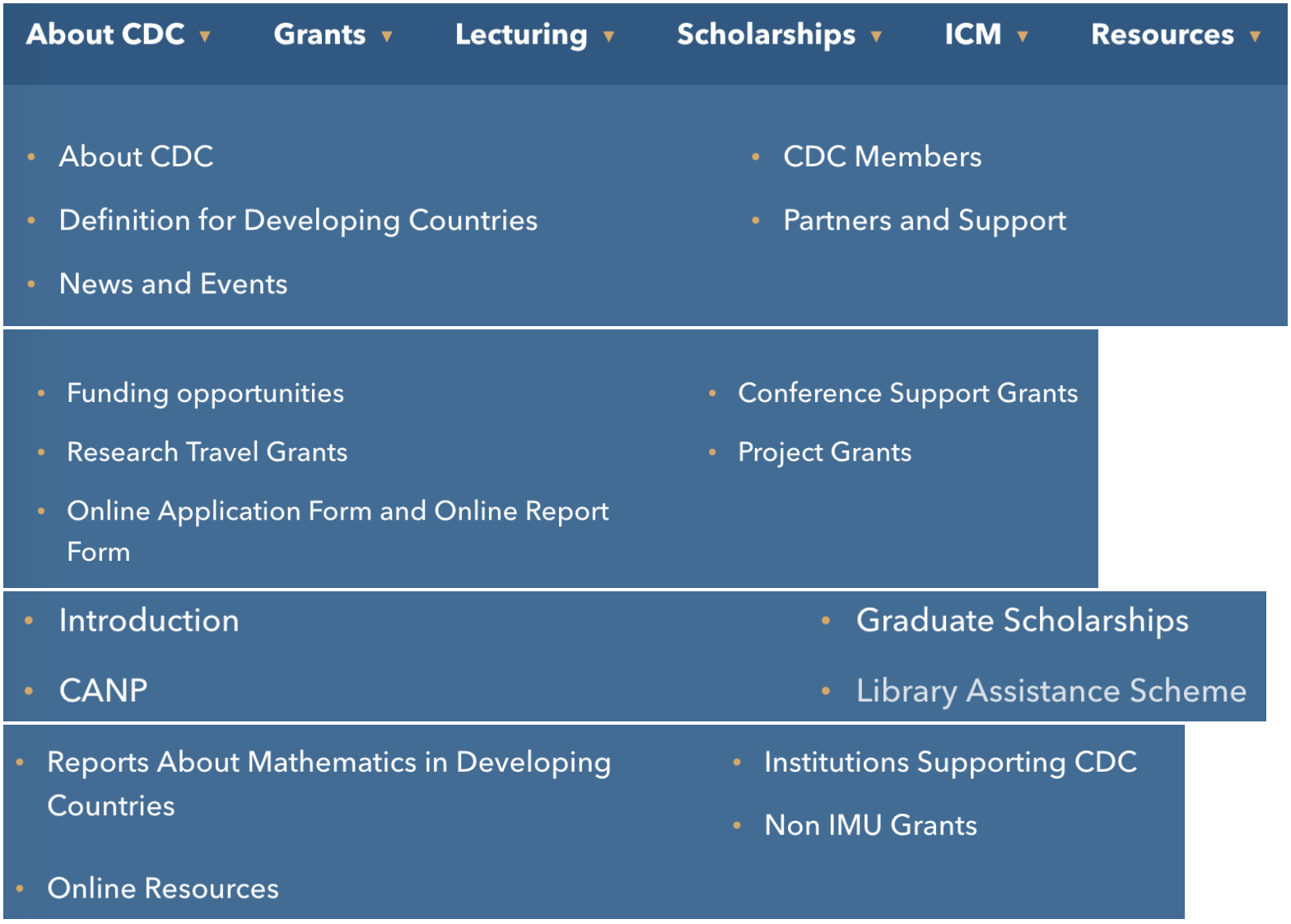
IMU
Commission for Developing
Countries (CDC)



https://www.mathunion.org/activities/commission-developing-countries-cdc

The CDC is charged with the following missions :

- to manage, strengthen and promote the programs of the IMU in developing and economically disadvantaged countries.
- to search for funding to support the corresponding activities.
- to establish institutional partnerships with scientific organizations with common goals.



https://www.mathunion.org/cdc/

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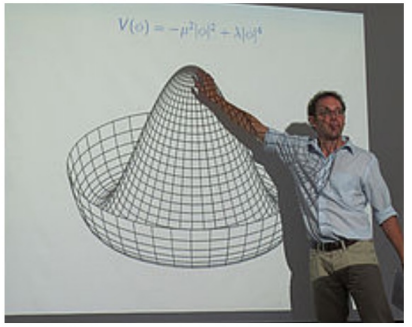
https://www.mathunion.org/cdc

IMU CDC

Graduate Scholarships

- IMU Breakout Graduate Fellowship Program
- GRAID Progam



Grants for Mathematicians

- Conference Support Program
- Research Travel Grants
- Project Grants

CDC Activities during ICMs

- ICM Travel Grants
- CDC Panel and Poster Session during the ICM 2018
- MENAO 2014

Lecturing and Mentoring

- Volunteer Lecturer Program
- ADMP
- MARM

https://www.mathunion.org/cdc

IMU Volunteer Lecturer Program

https://www.mathunion.org/cdc/lecturing/volunteer-lecturer-program

Two main objectives of the Volunteer Lecturer Program are :
1. to build capacity in mathematics and mathematics education in developing countries, and
2. to increase mathematical interaction between the mathematical community in the developed world and the vast, mostly untapped reservoir of mathematical talent in the developing world.

The Volunteer Lecturer Program offers universities in the developing world lecturers for intensive 3-4 week courses in mathematics at the advanced undergraduate or master's level. The funds for all living expenses, including travel (up to USD 5000 paid in EUR) are provided by IMU/ CDC or its supporting organizations (AMS, USNCM and Abel Board).

The course given by the volunteer should be part of a regular mathematics undergraduate or master degree program at the hosting university.

IMU CDC VLP

Volunteer Lecturer Program

Volunteer Lecturer Program of the IMU Commission for Developing Countries

The goal of this program is to foster research and international cooperation between mathematicians in developing countries and the international mathematical community, offering to the universities in the developing countries the economical support to host volunteer lecturers for intensive 3-4 week courses in mathematics. The course given by the volunteer should be part of a regular mathematics undergraduate or master degree program at the hosting university, in subjects where the applicant university could have a lack of expertise. The program is partially funded by the American Mathematical Society and the Niels Henrik Abel Board (Norway).

https://www.mathunion.org/cdc/lecturing/volunteer-lecturer-program

Volunteer Lecturer Program

Program Outline and Requirements for Lecturers

We seek mathematicians interested to lecture for intensive 3-4 week courses at universities in the developing world, at the advanced undergraduate or master level in topics such as statistics, differential equations, numerical analysis, etc., the capacity for which is lacking at many universities in developing nations.

The lecturer would be assisted by a local mathematics professor who prepares the students beforehand, assists when necessary during the course, and takes care of any necessary follow-up. These courses should have a student audience of 15-20 or more, be controlled, with examinations, and be part of a regular degree program at the university at which they are offered.

Past experience in the developing world is desirable but not necessary. However what is required is tolerance for working in circumstances of modest resources, unexplained inefficiencies, and limited physical comforts.

Martha Byrne (USA) in 2010 at Obafemi Awolowo University in Ile-Ife, Nigeria.

Padmanabhan Seshaiyer (USA) in 2011 at NM AIST-Arusha in Tanzania.

IMU Volunteer Lecturer Program (VLP): Mathematics Education as a Tool for International Development

Goals of the IMU VLP

- To build capacity in mathematics and mathematics education in developing countries
- To increase interaction between the mathematical community in the developed world and the mostly untapped mathematical talent in the developing world

Structure

- 3-4 week intensive courses at the upper undergraduate or master's level
- Substantial course enrollment (~ 20 students)
- Support in recruitment of students, scheduling and living arrangements for the volunteer from local host
- All financial costs of the volunteer are covered by the IMU

Breakout Graduate Fellowships

Support for postgraduate studies in a developing country, leading to a PhD degree in the mathematical sciences with duration of up to four years, for excellent students from developing countries.

Donation by the winners of the Breakthrough Prizes in Mathematics (Ian Agol, Jean Bourgain, Simon Donaldson, Christopher Hacon, Maxim Kontsevich, Vincent Lafforgue, Jacob Lurie, James McKernan, Terence Tao and Richard Taylor), IMU - with the assistance of FIMU (www.friends-imu.org) and TWAS (https://twas.org) - has now raised $ 900,000.

https://www.mathunion.org/cdc/scholarshipsgraduate-scholarships/

imu-breakout-graduate-fellowship-program

Graduate Assistantships in Developing Countries (GRAID)

From L-R Angel Pineda, Wandera Ogana, David Ssevviiri, Ingrid Daubechies, Edgar Tchoundja

The next deadline will be early 2022.

Structure of GRAID

- The Principal Investigator (PI) and International Partner (IP) should be in regular contact and have an active collaboration.

- The PI is responsible for ensuring smooth sustained communication in the Team between, the graduate research assistants and the IP.

Requirements

- PI should live and work in a developing country listed in Priority 1 or 2 of the IMU CDC Definition of Developing Countries.
- IP should not live and work in a developing country listed in Priority 1 or 2 of the IMU CDC Definition of Developing Countries.

GRAID Support

Amount of Support:

- Up to USD 3,500 per student per year.
- Up to 3 graduate research assistantships per team.

Duration of the Support

- Up to 4 years for PhD students
- Up to 2 years for master's students

https://www.mathunion.org/cdc/scholarshipsgraduate-scholarships/graduate-assistantships-developing-countries

Supported Teams

Cohort 1 (2017):

- Cameroon + USA (PI:Edgar Tchoundja, IP: Brett Wick)
- Morocco + Spain (PI: Driss Bennis, IP: Luis Oyonarte)

Cohort 2 (2018):

- Uganda + UK (PI: David Ssevviiri, IP: Michael Wemyss)

Cohort 3 (2019):

- Burkina Faso + France (PI: Idrissa Kabore, IP: Nicolas Bedaride)
- Pakistan + Germany (PI: Sarfraz Ahmad, IP: Volkmar Welke)

From L-R Keumo Adriel (student), Edgar Tchoundja (PI), Defo Hugues (student)

Call For Applications

Deadline: March 15, 2020

https://www.mathprograms.org/db/programs/480
Applications are encouraged!

Materials:

- Short CV of PI and IP
- Collaboration Proposal of PI and IP (3 pages or less) including:
  I. Vision and history of collaboration and student training
  II. Number of students to be supported
  III. Research plan
  IV. Itemized Budget
- Letter from the IP

Fundraising (Friends of the IMU)

- International Congress of Women Mathematicians (ICWM) 2014
- Donations from members of the American Mathematical Society (AMS) during membership renewals.
- One-time or recurring donations from individual mathematicians.
- Grassroots fundraising activities (i.e. RunForGRAID)

http://friends-imu.org/graid-donation/

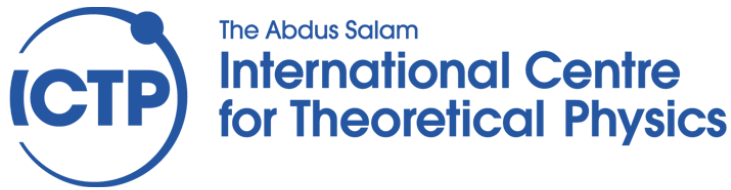
IMU– CWM

Committee for Women in Mathematics
The remit of CWM is to promote international contacts between national and regional organisations for women and mathematics and to undertake other related activities
The central goal from now until ICM Rio 2018 is to help to establish networks of women mathematicians especially in Asia, Latin America and Africa.

https://www.mathunion.org/activities/committee-women-mathematics-cwm

ICTP

ICTP
International Centre for
Theoretical Physics



https://www.ictp.it/research/math.aspx

ICTP

Since 1986 the Mathematics section at ICTP has played an important role in fostering mathematics research and education in developing countries. Research is carried out in various fields of Mathematics by the permanent staff, postdocs, and graduate students, as well as by scientific visitors from all over the world.

Typically, the section organizes from 5 to 10 focused activities a year involving an average of 100 participants. These activities are the core of the section's activities and are crucial for disseminating current mathematics knowledge of the highest level as widely as possible.

https://www.ictp.it/research/math.aspx

ICTP

In addition the Mathematics section, like all the other sections at ICTP, participates in the Diploma program. Since 2011 Diploma students can apply to stay on to work on a PhD in Mathematics in a joint program with SISSA.

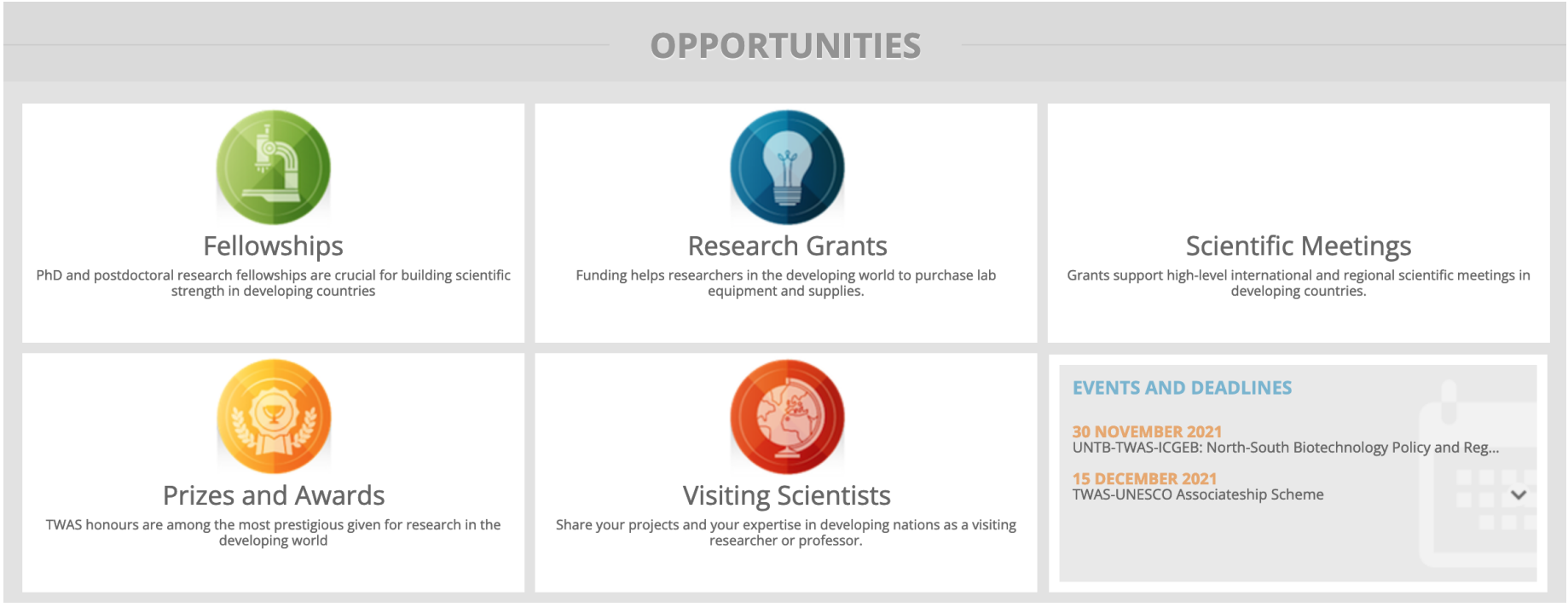
The Mathematics section also offers opportunities for postdocs and research fellows; click here for latest announcements.

Once a month, the section organises The Basic Notions Seminar Series to broaden the understanding of some mathematical concepts.

https://www.ictp.it/research/math.aspx

United Nations Educational, Scientific and Cultural Organization

THE WORLD ACADEMY OF SCIENCES
for the advancement of science in developing countries



https://twas.org/

Organization for Women in Science for the Developing World (OWSD)

OWSD PhD Fellowships

This information is also available in: **French** **Spanish**

The Fellowship is offered to women scientists from **science- and technology-lagging countries (STLCs)** to undertake PhD research in the natural, engineering and information technology sciences at a host institute in another developing country in the Global South.

The call for applications is closed. The next call for applications will open in early 2022.

https://owsd.net/

Simons Foundation

Mathematics and Physical Sciences

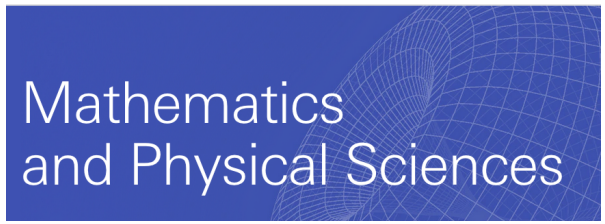
Program Areas

Grants to Individuals

- Simons Investigators
- Simons Fellows
- Collaboration Grants for Mathematicians
- Targeted Grants in MPS
- AMS-Simons Travel Grants

https://www.simonsfoundation.org/mathematics-physical-sciences/

Simons Foundation



Grants to Institutions

- Simons Institute for the Theory of Computing
- Targeted Grants to Institutes
- Africa Mathematics Project
- Simons Observatory
- Simons Array

MPS-NSF Joint Programs

- NSF-Simons Collaboration on a National Institute for Theory and Mathematics in Biology (NITMB)
- NSF-Simons MathBioSys Research Centers
- NSF-Simons Research Collaborations on the Mathematical and Scientific Foundations of Deep Learning

https://www.simonsfoundation.org/mathematics-physical-sciences/

ISP

International Science Programme (ISP) - Uppsala University, Sweden.
The ISP collaboration in different countries can be described as follows :
In the ISP core programs (Chemistry, Mathematics and Physics) through direct collaboration with individual research groups and networks of research groups,
Collaboration through coordination of Sida bilateral research programs with different countries,
Collaboration through separate agreements, with full cost cover from the collaborating partner.

https://www.isp.uu.se/

Eastern Africa Universities Mathematics Programme (EAUMP)

The network EAUMP was constituted in 2002 by the Department of Mathematics at Makerere University (Uganda), University of Dar es Salaam (UDSM, Tanzania) and University of Nairobi (UoN, Kenya). A few years later the Departments of Mathematics at University of Rwanda (UR) and University of Zambia (UNZA) also joined the network.

https://www.isp.uu.se/what-we-do/mathematics/networks/eaump/

PDE, Modeling and Control

The network was created in 1999 by researchers from the Departments of Mathematics at University Joseph Ki-Zerbo (Burkina Faso), University of Gaston Berger (Senegal) and University of Nouakchott (Mauritania). In 2012 researchers from the Department of Mathematics at University of Science, Techniques and Technology of Bamako (USTTB ; Mali) joined the network. Researchers from the University of Cocody-Abidjan (Ivory Coast) are also members of the network. The network is coordinated by Professor Hamidou Toure, University Joseph Ki-Zerbo.

https://www.isp.uu.se/what-we-do/mathematics/networks/pde/

ISP

Ethiopia
The Department of Mathematics at Addis Ababa University receives support from the mathematics program to the project Capacity Building in Mathematics

Niger
A research group at Université Abdou Moumouni is a member of the ISP supported network PDE, Modeling and Control.

RNTA


ROMAN
NUMBER THEORY
ASSOCIATION
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ROMAN NUMBER THEORY ASSOCIATION

Research Schools

- A CIMPA research school on
  Algebra, arithmetic and applications
  Institut de Mathématiques et de Sciences Physiques, Dangbo, Bénin
  June, 12-24 2022

- Senegal EMA school on
  Introduction to Number Theory, Cryptography and related courses
  African Institute of Mathematical Sciences (M'bour) Senegal
  September 6 - 19, 2021

- A CIMPA research school on
  Algebraic Geometry, Number Theory and Applications in Cryptography and Robot kinematics.
  AIMS-Cameroon, Limbe.
  July 2-13, 2019

APSA Awards

The **Association for the Scientific Promotion of Africa** (APSA) is issuing a call for proposals to finance four research stays for African doctoral students or already confirmed researchers working in Africa in the fields of mathematical, physical or computer sciences.

The winners will spend one to three months in a foreign laboratory of their choice. The programme will be open to researchers from all over Africa but priority will be given to sub-Saharan Africa compared to North or South Africa. It will attach particular importance to gender-balanced recruitment.

APSA will cover, up to a maximum of Euros 5,000 per winner, in complement with the laboratories and host institution, all travel expenses (economy class), visa and subsistence expenses (health insurance, accommodation, per diem) for the winners

http://www.scienceafrique.fr/apsaawards/

GIS SARIMA

Groupement d'Intérêt Scientifique – Soutien aux Activités de Recherche en Informatique et Mathématique en Afrique

SARIMA signifie Soutien aux Activités de Recherche en Informatique et Mathématique en Afrique.

SARIMA est un groupement d'intérêt scientifique qui regroupe 20 partenaires.

Son principal objectif est de coordonner les activités de ses membres visant à soutenir la formation et la recherche en informatique et en mathématique en Afrique sub-saharienne.

http://sarima.edu-math.org/

AFRIMath Network

Afrique France Réseau International en Mathématiques

AFRIMath est un Réseau International de Recherche du CNRS regroupant des mathématiciennes et mathématiciens localisées principalement en Afrique sub-saharienne et en France. Ce réseau s'organise autour de quatre thèmes principaux:

- Théorie des nombres et théorie de l'information
- Géométrie et Topologie
- Analyse des EDP, Analyse Numérique
- Probabilités et Statistiques

AFRIMath s'inscrit dans la continuité d'actions entreprises depuis plusieurs décennies, en particulier via le Groupement d'Intérêt Scientifique SARIMA.

http://www.afrimath.math.cnrs.fr/

Some advices

You need to browse the internet where you will find a lot of other opportunities.

Write carefully your application ; check that there is no misprint ; correct the spelling.

Write a strong and convincing letter of motivation.

November 15, 2021

AIMS Cameroun – Limbe

International cooperation in mathematics: some examples, including CIMPA, EMS - CDC, IMU - CDC, ICTP, TWAS, OWSD, Simons Foundation, ISP, RNTA, APSA, SARIMA, AFRIMath

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