The European Mathematical Society Committee for Developing Countries

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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.

Our activities (past, present and future)

We started work in earnest in 2002. Since then we have expanded our aims and been involved in a number of projects.

- **Book donation scheme**: More details are here. New donors and recipients are always welcome. We have already moved tens of tonnes of books and journals, from Europe, USA, Canada, to Africa, South East Asia, and South and Central America.
- **Funding conferences**: Decisions to support a conference are taken once a year, during our annual meeting in April. We have funded participants to ICM06 in Madrid, a speaker to Mongolia, a (part) CIMPA school, conferences, etc. We recently helped to fund the 2nd African Women Mathematics workshop held at AIMS (South Africa) from 17th to 19th July 2013. A report is available here.
- **Cambodian students**: We have supported a number of Cambodian students through their M.Sc. studies. With this in mind...

> **July 2013**: We are very pleased to receive news of the first PhD student in mathematics in Cambodia.

- **Conference discussions** We held a roundtable at 5ECM and a discussion group at ICM10.
- **Electronic access**: One member of the committee, Anders Wandahl, has run four workshops on electronic access. The first, in Addis Ababa, was facilitated with a grant from the International Mathematical Union (IMU) and attracted 47 participants. The second took place in Bamako, Mali in November 2010 during a CIMPA Research School. The other two were in Maputo and Phnom Penh.
  Members of **Electronic access subcommittee**: *Lars Dovling Andersen, Anna Fino, Michel Waldschmidt, Anders Wandahl* (Chair of the subcommittee).
- **Agreement with Zentralblatt**: free access for Developing Countries. Free access is granted for a first period of two years starting with the date of the registration of the first customer from the corresponding country. This is a donation of the EMS, as a result of the collaboration of the EMS as member of the Coordinating Committee of ZbMATH. A list of eligible countries can be found here.
- **Emerging Regional Centres of Excellence (ERCE)**: More details are here.
  Members of **ERCE Subcommittee**: *Anna Fino, Giulia di Nunno, Michel Jambu, Michel Thera, Ramadas Ramakrishnan Trivandrum, Paul Vaderlind, Begoña Vitoriano, Michel Waldschmidt.*

- **Mentoring**: We participate in the project entitled Mentoring African Research Mathematics (MARM).
- **Twinning**: Until 2012 we had a twinning scheme under which we could provide a starting seed grant of around 500 Euros to facilitate the twinning of departments in developed and developing regions. Since this program was not active for many months, it is is not continued, but we could revive it in case of need.

Our members

The committee consists of about ten members, most of whom are engaged in development work in their capacity as heads of various such projects, e.g.

- Centre International de Mathématiques Pures et Appliquées (CIMPA) (France and Spain),
- The International Science Programme at Uppsala University (ISP) (Sweden),
- The Interdisciplinary Center for Scientific Computing (IWR)! (Germany).

Members are also active in other committees for developing countries around the world, notably within

- The International Mathematical Union (IMU),
- International Council for Industrial and Applied Mathematics (ICIAM), ICIAM Conference Support for Applied and Industrial Mathematics in Developing Countries
- The Abdus Salam International Center for Theoretical Physics (ICTP),
- The London Mathematical Society (LMS),
- Hungarian Academy, etc.

In addition to committee members we have associates who help us in our work, in many ways. We are full of ideas, and there is lots of work to be done. We do not receive regular funding from our parent society EMS, and so desperately need help from all mathematicians!

We regularly receive donations from reviewers of Zentralblatt. In 2010, we had an donation of 578.29 Euros from one Japanese reviewer, which was wonderful.

Our sponsors

- Les Amis d'Arthur Besse
- ICTP
- IMU
- ISP
- LMS
- NUFU
- Swiss Mathematical Society
- ZentralblattMATH and their reviewers
- Donations to EMS

EMS Membership

A special reduced fee of 5€ for mathematicians who reside in a developing country from this list was established by our Committee. This possibility is announced in the section "membership", "Individual members" on the website of the EMS.

URL of this website: http://ems-cdc.org
Last modified: 1 May 2015

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Information concerning zbMATH

zbMATH is a mathematics-reviewing service (edited by the EMS, FIZ Karlsruhe, and the Heidelberg Academy) that can be accessed online at www.zbmath.org. The site indexes all relevant mathematics journals, with complete coverage back to 1868. Every article published since 1868 is linked, with metadata and additional review resp. abstract available on the site. Other features include access to author profiles including citation profiles, links to full texts, a database of mathematical software (www.swmath.org) and more.

In general, to access the full features of zbMATH institutions have to pay a subscription. However, zbMATH provides free access to a large number of developing countries. The list of these countries is here. Please ask for free access by writing an email to:

<editor@zentralblatt-math.org>

zbMATH is also able to provide free access to participants in conferences and workshops in developing countries. In order to facilitate this, organisers should send a request to the above email some time before the conference takes place.

More info on zbMATH: [zbMATH poster | Latest report to EMS-CDC]

URL of this website: http://ems-cdc.org
Last modified: 1 May 2015

List of DCs with free access to zbMATH in 2015

Please ask for free access by writing an email to <editor@zentralblatt-math.org>

1.East Asia and Pacific

Cambodia; Korea, Dem. Rep. (N. Korea); Laos; Mongolia; Myanmar

2.Latin America and the Caribbean

Bolivia

3.Middle East and North Africa

Djibouti; Iran; Syria; West Bank and Gaza; Yemen

4.South Asia

Afghanistan; Bhutan; Nepal

5.Sub-Saharan Africa

Benin; Burkina Faso; Burundi; Cameroon; Central African Republic; Chad; Congo (Democratic Republic of the Congo);
Congo (Republic of the Congo);
Côte d'Ivoire; Eritrea; Ethiopia; Gabon; Gambia; Ghana; Guinea; Guinea-Bissau; Liberia; Mali; Niger; Sierra Leone; Somalia; Sudan (only one listed - eds); Togo

6.Europe and Central Asia

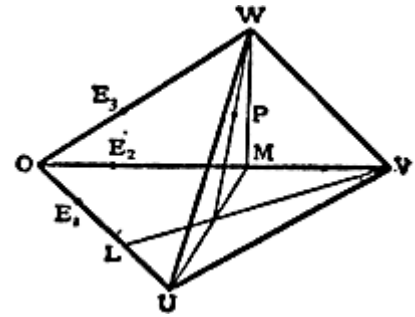Kyrgyz Republic; Kosovo; FYR Macedonia; Tajikistan; Turkmenistan; Uzbekistan

Finding Online Information in Mathematics

Addis Ababa University, Ethiopia, Oct 19–21, 2010

CIMPA School, Bamako, Mali, Nov 20–21, 2010

Universidade Eduardo Mondlane, Maputo, Mocambique, June 6–10, 2011

Ministry of Education, Youth and Sport/RUPP, Phnom Penh, Cambodia, Aug 8–12, 2011

Sponsored by:

EMS-CDC   European Mathematical Society Committe for Developing Countries

IMU/DCSG   International Mathematical Union Developing Countries Strategy Group

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