The Eighth International Conference on Science and Mathematics Education in Developing Countries Yangon University, Yangon, The Republic of the Union of Myanmar.

The Committee for Developing Countries of the European Mathematical Society

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EMS CDC – presentation

The Committee for Developing Countries is a committee of the European Mathematical Society (EMS). It consists of about ten members and ten associate members, most of whom are engaged in development work in their capacity as heads of various such projects. We aim to assist developing countries in all possible ways.





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European Mathematical Society Committee for Developing Countries



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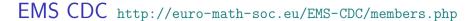
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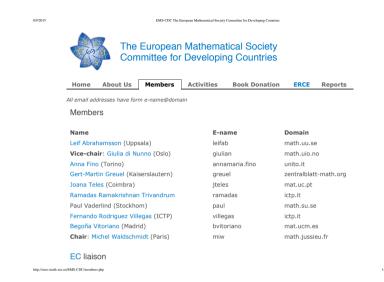
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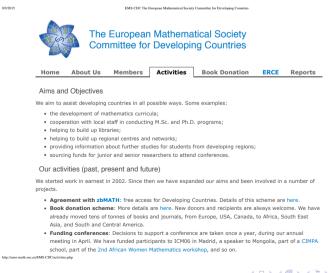






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Support provided by EMS CDC

► Support for Cambodian students to study in Vietnam, Philippines, India, Malaysia.





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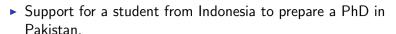
► Contribution to 2nd African Women Mathematics workshop of the African Mathematical Union held at AIMS (South Africa) in 2013 and to the Ibni Prize in 2014.











► Support for students from Nepal to study in India, Malaysia.





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We run workshops on electronic access in DCs and help to build up libraries.

e-Math for Africa

http://math.golonka.org/

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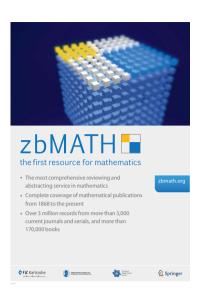
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Free access for institutions and individuals from DCs

(email to : editor@ zentralblatt-math.org).





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Book Donation Program

We have moved tens of tons of books and journals, from Europe, USA and Canada, to Africa, South East Asia, and South and Central America.







EMS CDC

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The European Mathematical Society Committee for Developing Countries

We aim to send books and journals donated by mathematicians in the developed world to institutes and departments in the developing world. We have received quite a number of generous offers: from individuals who retire, from institutes/libraries getting rid of excess stock, from libraries going digital, and also from publishers'

On the other hand, we also have a list of recipients: those who have promised to make available to all local mathematicians freely the donated material, and to keep it in good condition. This list is ever expanding, and we welcome any such institutes to contact us for this purpose.

The shipping costs are high, but we are supported financially, on a case-by-case basis, by ICTP, American Mathematical Society, London Mathematical Society, Zentralblatt, The Norwegian Programme for Development Research and Education (NUFU), and also our own very limited funds. We have moved tens of tonnes of books and journals, from Europe, USA and Canada, to Africa, South East Asia, and South and Central America,

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surplus. We continue to welcome such generosity.



EMS CDC

http://euro-math-soc.eu/EMS-CDC/erce.php



The European Mathematical Society Committee for Developing Countries

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Emerging Regional Centres of Excellence (ERCE)

level. We aim to tailor our approach so that it is appropriate to the different levels of developmen that exist in different parts of the world. Our first call for interest went out in 2010, another followed in 2012, and the third has just gone out (see above).



To train mathematicians from the least developed regions to say the Masters level, it is not efficient, nor necessary, to send them to institutions of the highest level. Indeed among the emerging economical regions there are very good centres which can train mathematicians to the Masters level and higher. After the Master's degree, if the student is capable, then we can try to find ways of sending him or her to Europe to do a Ph.D. In fact, EMS-CDC, in collaboration with CIMPA, has already educated a Cambodian student in Vietnam to Masters level, with two more doing the course in 2010/2011.

It is in this spirit that our committee wishes to propose a scheme of Emerging Regional Centres of Excellence (ERCE). The idea is for EMS to select, endorse and help a number of such centres to offer training to M.Sc. level to students from less developed countries in their region. Following the above encouraging example, provided there are institutions in the emerging economies who are interested in participating, and with the backing of the EMS, our committee is confident that such a scheme will work well.

http://euro-math-soc.eu/EMS-CDC/erce.shp

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ERCE: a South-South perspective

The idea is for EMS to select, endorse and help a number of centres to offer training to M.Sc. level to students from less developed countries in their region. Provided there are institutions in the emerging economies who are interested in participating, and with the backing of the EMS, our committee is confident that such a scheme will work well.

It is cheaper in general to send a student to a nearby country or region. The student will be less disoriented, and in some cases, they may not need a higher European degree. The educating institution will gain experience and prestige.

NIM Network of International Mathematical Centers



ERCE: two further centers in 2014

Institute of Mathematical Research (INSPEM), University
Putra Malaysia, Kuala Lumpur, Malaysia
http://www.inspem.upm.edu.my/
Dato' Dr. Kamel Ariffin Mohd Atan

IASBS Zanjan, Iran
 http://iasbs.ac.ir/
 Rashid Zaare Nahandi

Five ERCE so far

• (2010) ASSMS, Lahore, Pakistan http://www.sms.edu.pk/ Alla Ditta Raza Choudary

A student from Indonesia started his studies towards a PhD in ASSMS in September 2012, supported by EMS-CDC.

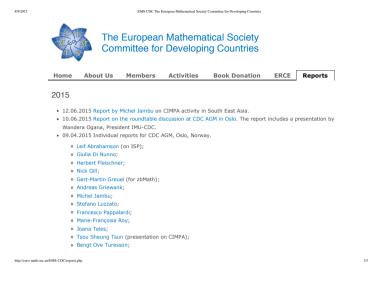
- (2013) CIMAT, Mexico http://www.cimat.mx/
 Jose Antonio de la Pena
- (2013) VIASM, Vietnam
 http://viasm.edu.vn/?lang=en
 Le Tuan Hoa



Emerging Regional Centres of Excellence (ERCE) 2016

Coming soon: Expressions of Interest in the ERCE programme will be requested. Each interested institute is asked to send us a brief description of its activities, and its suitability, together with a covering letter and supporting material. The preliminary deadline for application or expression of interest may be end of February 2016.

EMS CDC http://euro-math-soc.eu/EMS-CDC/reports.php



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8th ICSMEDC

December 5, 2015

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Annual meetings of EMS CDC

Our committee has one meeting each year: Nice in 2004, Vienna in 2005, Heidelberg in 2006, Uppsala in 2007, ICTP Trieste in 2008, Brussels in 2009, Budapest in 2010, Madrid in 2011, Limoges in 2012, Linköping (Sweden) in 2013, Berlin (Germany) in 2014, Oslo (Norway) in 2015. The next one will be in ICTP (Trieste, Italy) on April 9, 2016

