

# ICMI

## ICMI Newsletter 29

*A Newsletter from the ICMI-International Commission  
on Mathematical Instruction*

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## 1. EDITORIAL - FROM THE DESK OF YURIKO YAMAMOTO BALDIN, MEMBER-AT-LARGE, ICMI EXECUTIVE COMMITTEE

Mathematics towards school teachers. The first seeds were sown over the last few years to celebrate the centenary of Felix Klein's memorable publication for teachers: "Elementary Mathematics from an Advanced Standpoint". Many contributions from collaborators around the world (<http://blog.kleinproject.org/>) confirm my trust in this initiative of ICMI-IMU. I invite readers of this newsletter to visit the site <http://kleinproject.org>. It is continuously improving as more contributions are added. The Klein Project aims to reach as many people as possible.

In this regard, the Klein Project in Portuguese started in 2009 as the result of a joint effort of the Brazilian Mathematics Society and the Portuguese Mathematics Society, together with the help of the ICMI representatives for Brazil and Portugal. It is affiliated with the ICMI-IMU-Klein Project. Since 2009, the project, particularly in Brazil, has received diverse contributions integrating knowledge from the discipline of Mathematics with that of school teachers.

At the time, that is, in 2009, I was serving ICMI as the Brazilian representative and I coordinated the Klein Project in Portuguese with financial support from the Ministry of Education of Brazil-CAPES. One of the objectives of the project was to extend the results and outcomes to all Portuguese speaking countries around the world.

I am glad to report that in 2014, the ICMI representatives of three countries, Brazil, Portugal and Mozambique, succeeded in founding the Espaço Matemático em Língua Portuguesa - EMeLP, as an affiliated organization of ICMI. The first joint meeting of this new organization is planned for 2015. I congratulate the ICMI representatives on this initiative that is the accomplishment of a dream. I hope that other Portuguese speaking countries will join this new body.

The year 2015 is promising to be a very active and exciting one for ICMI activities

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The ICMI affiliated Conference, EARCOME7- 7th East Asia Conference on Mathematics Education, will be held in Cebu, Phillipines, 11-17 May, 2015, chaired by Catherine Vistro - Yu (ICMI EC) with the collaboration of international researchers in Mathematics Education to work out the theme "In Pursuit of Quality Mathematics Education for All" (see below). The ICMI Study 23 conference, "Primary Mathematics Study on Whole Numbers" (see below) will be held in Macau, China, 3-7 May, 2015, co-chaired by Mariolina Bartolini-Bussi and Xuhua Sun.

Already preparations are underway for CANP5- Andean Region (Lima, Peru). This programme is scheduled for 2016 and preparations will continue throughout 2015. This is another great mission of ICMI: to foster quality mathematics teaching and learning around the world.

Other exciting activities of ICMI are announced below and will be also announced in future Newsletters.

I wish you all very enjoyable reading of this Newsletter

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## 2. ELECTION OF THE NEXT EXECUTIVE COMMITTEE OF ICMI

As announced in the previous issue of this Newsletter (November 1, 2014), the process of election of the next Executive Committee of ICMI has already started. This Committee will start its term on January 1, 2017. According to the regulations in place since 2006 ([http://www.mathunion.org/fileadmin/IMU/EC/Procedures\\_ICMI\\_2006-31-12\\_2012-01.pdf](http://www.mathunion.org/fileadmin/IMU/EC/Procedures_ICMI_2006-31-12_2012-01.pdf)), the process should start about two years before the term of the current EC expires and concludes when the ICMI General Assembly convenes a day before the ICME opens (next time in Hamburg, Germany, on July 24th 2016 - the day of the opening ceremony).

The first step of the process consists of collecting proposed members for the Nomination Committee. This step has been already completed and we thank all sixteen Member Country representatives who sent their proposals. The Nomination Committee has already been appointed by President Ferdinando Arzarello on the basis of the proposals received.

The second step of the process is now beginning and it consists of collecting nominations for ICMI Executive Officers and members from the ICMI community through the Adhering Organisations and the Country Member Representatives. Thus ICMI hereby invites Adhering Organisations and Country Representatives to send nominations for each of the following positions: President, Secretary-General, Vice-Presidents, and Members-at-Large. All submissions should be sent via e-mail or regular mail to Professor Gilah Leder, the appointed Chair of the Nomination Committee: [gilah.leder@monash.edu](mailto:gilah.leder@monash.edu).

All submissions should state in what capacity the nominator is submitting his/her proposal (Chair of Adhering Organization, Chair of a National Committee, etc.). Each nomination must be accompanied by the proposed candidate's CV and by his/her declaration of willingness to serve if elected. The nominations for President and Secretary-General must be received by April 1st, 2015, and the nominations for the other positions must be received by June 1st, 2015.

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### 3. PROCEEDINGS OF ICME12

The first volume of the Proceedings of the 12th International Congress on Mathematical Education (held in Seoul, South Korea, in 2012) has now appeared. The whole volume can be freely downloaded from:

<http://link.springer.com/book/10.1007%2F978-3-319-12688-3> or directly from:

[http://download.springer.com/static/pdf/954/bok%253A978-3-319-12688-3.pdf?auth66=1424539474\\_2fdbb3e041d46f26fd9cf\\_a40f331e8bd&ext=.pdf](http://download.springer.com/static/pdf/954/bok%253A978-3-319-12688-3.pdf?auth66=1424539474_2fdbb3e041d46f26fd9cf_a40f331e8bd&ext=.pdf)

The Proceedings include: the speeches at the opening ceremony, the plenary lectures, the plenary panels, the survey teams reports, lectures by the awardees, abstracts of plenary lectures, and more.



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### 4. PROCEEDINGS OF ICME 11

ICMI is happy to announce that all the materials that were collected from ICME-11 in Mexico can be found at:

<http://www.mathunion.org/icmi/publications/icme-proceedings/materials-from-icme-11-mexico/>

We are publishing these materials on the ICMI website in lieu of the official proceedings for the benefit of the worldwide mathematics education community in general and in particular for the attendees of ICME11. Some of these documents have been edited, but it has been a rather rough, and incomplete process

If anyone involved in preparing these documents wishes to resubmit a more polished version, we will be happy to replace the present version by its revision. We will continue to edit these pages as time and resources permit.

Should official proceedings appear in the future, they will take precedence over these documents. ICMI invites its members and friends to send (or let us know of) revised versions or any further materials that should be included in these materials, to Lena Koch, the ICMI Administrator: [lena.koch@wias-berlin.de](mailto:lena.koch@wias-berlin.de)

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### 5. PME NEWSLETTER

Due to server problems, the editors of the PME Newsletter (Psychology of Mathematics Education), have requested that we announce that the latest newsletter is now available and can either be downloaded from:

<http://igpme.org/index.php/communication/pme-newsletter/past-newsletters>

Alternatively it can be viewed through the online reader ISSUU at:

[http://issuu.com/pmeadministrativemanager/docs/15\\_01\\_pme\\_newsletter](http://issuu.com/pmeadministrativemanager/docs/15_01_pme_newsletter)

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## 6. UPCOMING CONFERENCES OF ICMI AFFILIATED ORGANISATIONS

- The XIV Interamerican Conference on Mathematics Education, May 3-7, 2015, Tuxtla Gutiérrez, Chiapas, México (for details, see [http://xiv.ciaem-iacme.org/index.php/xiv\\_ciaem/xiv\\_ciaem](http://xiv.ciaem-iacme.org/index.php/xiv_ciaem/xiv_ciaem))
- The 7<sup>th</sup> ICMI-East Asia Regional Conference on Mathematics Education (EARCOME 7), May 11-15, 2015, Cebu City, Phillipines (for details, see <http://earcome7.weebly.com/>).
- The ICMI Study 23 "Primary Mathematics Study on Whole Numbers", June 3-7, 2015, Macau, China (for details, see <http://www.umac.mo/fed/ICMI23/>).
- Psychology of Mathematics Education (PME39), July 13-18, 2015, Hobart, Tasmania, Australia (for details, see <http://www.pme39.com/>).
- Espace Mathématique Francophone (EMF), 10-14 October, 2015, Alger, Algeria (for details, see <http://emf2015.usthb.dz/>).
- Conferencia Internacional do Espaço Matemático em Língua Portuguesa (CIEMeLP) - a regional conference of the Espaço Matemático em Língua Portuguesa (EMeLP - affiliated to ICMI), 28-31 October, 2015, Coimbra, Portugal.

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## 7. UPCOMING MEETING OF THE ICMI EC

The Executive Committee of the ICMI EC will hold its annual meeting in Macau, China on May 31-June 2, 2015. Members and friends of ICMI who would like to submit queries, comments,

suggestions or requests to the committee at large are welcome to write to the ICMI Secretary General at:

[ICMI\\_Secretary-General@mathunion.org](mailto:ICMI_Secretary-General@mathunion.org) or to the ICMI Administrator ([lena.koch@wias-berlin.de](mailto:lena.koch@wias-berlin.de)).

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