



## International Commission on Mathematical Instruction

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Activity and Financial Report 2015  
Submitted to IMU EC

### **2015 at a glance**

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#### **Key activities:**

##### **Administration and Governance**

The ICMI Executive Committee (2013-2016) held its third meeting in Macao, China from May 30<sup>th</sup> - June 2<sup>nd</sup>, 2015. The formation of the Nomination Committee for the upcoming ICMI EC (2017-2020) has commenced. The new ICMI EC will be elected in 2016 at the ICMI General Assembly in Hamburg, Germany.

##### **Member Countries**

In 2015, ICMI had 92 member countries, 70 are also members of IMU and 10 are associate members of IMU.

##### **ICMI Regional Conferences**

In 2015 ICMI was involved and supported the following regional conferences:

CIAEM-14 (XIV Inter-American Conference on Mathematics Education) was held in Tuxtla Gutiérrez, Chiapas, Mexico, from May 3-7, 2015.  
([http://xiv.ciaemiacme.org/index.php/xiv\\_ciaem/xiv\\_ciaem](http://xiv.ciaemiacme.org/index.php/xiv_ciaem/xiv_ciaem)).

The 7<sup>th</sup> EARCOME conference "In Pursuit Of Quality Mathematics Education for All" was held in the Philippines from May 11-15, 2015. (<http://earcome7.weebly.com/>).

The sixth EMF conference (L'Espace Mathématique Francophone - EMF- 2015) was held in Algeria from October 10-14, 2015.

The Espaço Matemático em Língua Portuguesa was created and held its first meeting from October 28-31, 2015, in Coimbra, Portugal.

## ICMI Studies

ICMI Study 21 "Mathematics Education and Language Diversity": Jointly edited by members of the IPC, coordinated by IPC member Richard Barwell (Canada), was finalized in 2014 and was published in 2015 by Springer.

ICMI Study 22 "Task Design in Mathematics Education": Co-chaired by Anne Watson (UK) and Minori Ohtani (Japan). The proceedings of the conference were uploaded for free use ([hal.archives-ouvertes.fr/hal-00834054](http://hal.archives-ouvertes.fr/hal-00834054)). The Study Volume was published by Springer in 2015.

ICMI Study 23: "Primary Mathematics Study on Whole Numbers": Co-chaired by Mariolina Bartolini Bussi (Italy) and Sun Xuhua (China). The IPC meeting was held in January 2014, the ICMI Study Conference was held from June 3-7, in Macau, China (<http://www.umac.mo/fed/ICMI23/>). The book is in advanced stages of preparation.

The ICMI EC is in the process of launching a new ICMI Study.

## Outreach to Developing Countries

The following activities under the umbrella of the Capacity and Network Project (CANP) were held in 2015:

**CANP 3, a follow up meeting** was held in the Philippines during the 7<sup>th</sup> EARCOME conference "In Pursuit Of Quality Mathematics Education For All" from May 11-15, 2015.

**CANP 4, East Africa:** The fourth CANP had a follow up meeting held in October, 2015 in Kigali.

[http://www.mathunion.org/icmi/activities/outreach-to-developing-countries/canp-project-2014-east-africa/?no\\_cache=1&sword\\_list%5B%5D=tanzania](http://www.mathunion.org/icmi/activities/outreach-to-developing-countries/canp-project-2014-east-africa/?no_cache=1&sword_list%5B%5D=tanzania).

**CANP 5, Andean Region and Paraguay:** In 2014 the ICMI EC selected the Andean region with the participation of: Bolivia, Ecuador, Peru and Paraguay in the fifth CANP held in Lima, Peru in 2016.

## Klein Project

The project began in 2008 as an IMU/ICMI joint project, with the aim of producing mathematics resources for secondary teachers on contemporary mathematics. It was inspired by Felix Klein's book *Elementary Mathematics from an Advanced Standpoint*, first published in 1908.

## ICMI Awards

The new ICMI Award named after Emma Castelnuovo was announced in 2015. Also the Felix Klein and the Hans Freudenthal Awards Committee selected two awardees.

## ICME

Preparations for the ICME-13 to be held in Hamburg on July 24-31, 2016 (<http://icme13.org/>) continued in 2015, and the second and last IPC meeting was held in Hamburg.

Three EC members and the ICMI administrator visited three sites for ICME 14. At the ICMI EC meeting the site for ICME 14 in 2020 was chosen.

## Outreach and Dissemination of Information

### ICMI NEWSLETTER

- Three issues of the ICMI Newsletter were published and distributed (March 1, July 1 and November 1, see [http://www.mathunion.org/icmi/publications/icmi-news/?no\\_cache=1&sword\\_list%5B%5D=newsletter](http://www.mathunion.org/icmi/publications/icmi-news/?no_cache=1&sword_list%5B%5D=newsletter))

### ICMI BULLETIN

- Papers from hitherto unpublished issues of the ICMI Bulletin were assembled and published on the ICMI website: <http://www.mathunion.org/?id=2750>

### ICMI MATERIALS

- ICMI materials were distributed at various conferences and events, e.g. at the CANP Events and Regional Conferences.

### L'ENSEIGNEMENT MATHÉMATIQUE

- The regular columns on ICMI News were published in the journal L'Enseignement Mathématique (the official organ of ICMI) and the December Issue of the Newsletter of the European Mathematical Society.

### ICMI ARCHIVES:

- Activities to document and preserve items from the history of ICMI are ongoing.

### ICMI WEBSITE:

- In 2015 IMU started a re-launching process of the IMU website which will also influence the design of the ICMI website, therefore ICMI is waiting for the new design of the IMU website and the templates for the commissions to change the ICMI website.

## 2015 in Detail

### **Administration and Governance**

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#### **Organisation**

##### **ICMI Members and Representatives**

In 2014 ICMI had 92 member countries, 70 are also members of IMU and 10 are associate members of IMU. Each member country is required to elect an ICMI Representative who represents the ICMI member country at the ICMI General Assembly and has the (sole) voting right for the ICMI Executive Committee (ICMI EC). The ICMI representatives also inform the national communities of developments within ICMI. ICMI EC, in particular the Secretary General and ICMI Administrator supported its member countries and IMU adhering organisations to re-elect ICMI representatives after their 8-year tenure (KOBE RULE).

##### **Executive Commission 2013-2016**

The members of the EC 2013-2016 are:

PRESIDENT: Ferdinando Arzarello (Italy)

SECRETARY-GENERAL: Abraham Arcavi (Israel)

VICE-PRESIDENTS: Cheryl Praeger (Australia) and Angel Ruiz (Costa Rica)

MEMBERS AT LARGE (5):

Catherine P. Vistro-Yu (Philippines), Jean-Luc Dorier (Switzerland), Roger Howe (USA) Yuriko Baldin (Brazil), Zahra Gooya (Iran)

EX OFFICIO MEMBERS:

Bill Barton (New Zealand) (Past President of ICMI), Shigefumi Mori (President of IMU), Helge Holden (Secretary of IMU)

##### **IMU EC member (Liaison to ICMI)**

Alicia Dickenstein is the ICMI liaison person with the IMU EC until December 31, 2018.

##### **Meetings of the ICMI EC**

The third meeting of the 2013-2016 Executive Commission took place in Macao, China in May 2015.

##### **Nomination ICMI EC 2017-2020**

The nomination process of the ICMI EC 2017-2020 started in 2015.

##### **IMU Secretariat**

The IMU Secretariat in Berlin, Germany continues to give full ongoing administrative and logistical support for ICMI activities.

##### **ICMI General Assembly**

The next ICMI General Assembly will take place in Hamburg, Germany on Saturday, 23 July 2016.

## **ICMI Affiliate Organizations**

ICMI's organisational outreach includes eleven multi-national organisations and international study groups with interest in mathematics education, which have obtained affiliation to ICMI.

Affiliated organisations are independent from ICMI and are self-financed. They collaborate with ICMI on specific activities, such as the ICMI Studies or CANP. The ICMI Affiliate Organisations also produce activity reports for the General Assembly of ICMI.

In October 2015 the fifth Mathematical Education Society, the Espaço Matemático em Língua Portuguesa held its first meeting and conference in Coimbra, Portugal.

The multi-national Mathematics Education Societies currently affiliated to ICMI, with year of affiliation are:

- CIAEM: Inter-American Committee on Mathematics Education (2009)
- CIEAEM: International Commission for the Study and Improvement of Mathematics Teaching (2010)
- ERME: European Society for Research in Mathematics Education (2010)
- MERGA: Mathematics Education Research Group of Australasia (2011)
- EMeLP: Espaço Matemático em Língua Portuguesa (2014)

The Study Groups currently affiliated to ICMI, with their year of affiliation, are:

- HPM: The International Study Group on Relations between the History and Pedagogy of Mathematics (1976)
- ICTMA: The International Study Group for Mathematical Modelling and Applications (2003)
- IOWME: The International Organization of Women and Mathematics Education (1987)
- MCG: The International Group for Mathematical Creativity and Giftedness (2011)
- PME: The International Group for the Psychology of Mathematics Education (1976)
- WFNMC: The World Federation of National Mathematics Competitions (1994)

## **The International Congress on Mathematical Education (ICME)**

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### **ICME-13**

Hamburg, Germany will host the next ICME-13 from 24 -31 of July 2016. More than 3,000 participants from 80 countries are expected to participate. Gabriele Kaiser, of the University of Hamburg, is chairing the International Programme Committee (IPC).

Information about the congress is available at: <http://icme13.org>

Each ICME devotes at least 10 per cent of the registration fees to the ICME Solidarity Fund that allows organizers to give support to some participants from developing countries. The composition of the ICME-13 Solidarity Fund Committee will consist of three ex-officio members: the Chairperson of the IPC, the Chairperson of the LOC and the ICMI Secretary-General and three other members representing the IPC (chosen by the IPC Chairperson), the

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LOC (chosen by the LOC Chairperson) and the ICMI EC (chosen by the EC). In 2013 the ICMI EC decided that ICMI Vice President Angel Ruiz and Abraham Arcavi, ICMI Secretary-General will represent the ICMI EC in this important committee. Other members of the grant committee are Gabrielle Kaiser (Chair of IPC), Marianne Nolte (Chair of LOC), one person representing the IPC (chosen by the chair of IPC) and one person representing the LOC (chosen by the chair of the LOC). The grants selection committee met in January 2016.

### **ICME-14**

The call for intentions to bid for ICME-14 in 2020 was distributed globally and resulted in three firm bids to host ICME-14 in 2020. The site visit committee consisting of the ICMI President, ICMI Secretary General, ICMI Vice President Ruiz and the ICMI Administrator took place in January/February and May 2015.

The ICMI EC selected Shanghai, China as the location for the next ICME in July 2020. The other bids came from Sydney, Australia and Honolulu, Hawaii. The ICMI EC wants to thank all three countries for their immense effort they took to produce the bid and the wonderful site visits.

### **ICMI Regional Conferences**

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Launched in the mid-seventies, ICMI Regional Conferences aim to facilitate wider discussion of mathematical education issues in particular regions. No regional conference was held in 2014.

In 2015 ICMI was involved in the preparation of the following regional conferences:

CIAEM-14 (XIV Inter-American Conference on Mathematics Education) was held in Tuxtla Gutiérrez, Chiapas, Mexico, May 3-7 2015. Angel Ruiz was the chair of the conference. Abraham Arcavi participated on behalf of the ICMI EC in the conference.

The 7<sup>th</sup> EARCOME conference "In Pursuit Of Quality Mathematics Education For All" was held in the Philippines from May 11-15, 2015. Catherine Vistro Yu was the chair of the conference and Yuriko Baldin was the ICMI EC Liaison person. She and Zahra Goya participated in the conference on behalf of the ICMI EC.

The sixth EMF conference (Espace Mathématique Francophone) EMF- 2015) was held in Algeria from October 10- 14, 2015. Jean Luc Dorier was the ICMI EC Liaison person and a member of the scientific committee of the conference.

Espaço Matemático em Língua Portuguesa (Network of Portuguese speaking countries)  
In 2014 Yuriko Baldin became a liaison member of the EMeLP (Espaço Matemático em Língua Portuguesa, which was constituted at the joint meeting of ICMI representatives of Brazil, Portugal and Mozambique. The first conference of EMeLP, including Cabo Verde was held in Coimbra, Portugal 28 - 31 October 2015. <http://www.emelp.org/>

## ICMI Studies

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A major ICMI programme is the series of ICMI Studies. Each Study addresses an issue or topic of particular significance in contemporary mathematical education, and is conducted by an international team of leading scholars and practitioners. Built around an international conference, it is directed towards the preparation of a published volume to promote discussion and action at the international, regional or institutional level. 23 volumes have been published between 1986 and 2015.

The series editors 2013-2016 are ICMI President Ferdinando Azarello, Secretary-General Abraham Arcavi and Vice President Cheryl Praeger.

Current Studies are:

### **ICMI Study 21: Mathematics Education and Language Diversity**

The Study Conference took place in Águas de Lindóia, São Paulo, Brazil, on 16-20, September 2011. The Study Volume was published in 2015 (NISS 17).

<http://www.springer.com/gp/book/9783319145105>

### **ICMI Study 22 Task Design**

The study on Task Design was launched 2010. The co-chairs are Anne Watson (Oxford University) and Minoru Ohtani (University of Kanazawa, Japan). The Study conference was held in 2013 in Oxford, UK and Ferdinando Arzarello and Abraham Arcavi represented the ICMI EC. In 2014 the editing process started and the Study Volume was published 2015. (NISS 18). <http://www.springer.com/gp/book/9783319096285>

### **ICMI Study 23 Primary Mathematics Study on Whole Numbers**

The Study was launched in 2012, Co-Chairs are Mariolina Bartolini Bussi, University Modena e Reggio Emilia, Italy and Sun Xuhua of the University of Macau, China. The IPC started working in 2013 and has been held January 19-24, 2014 at the IMU Secretariat in Berlin, Germany. The Study Conference was held in June 2015 in Macau, China. The editing process has started and the book will be published in 2016/ 2017.

## **The Klein Project**

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The project began in 2008 as an IMU/ICMI joint project, with the aim of producing mathematics resources for secondary teachers on contemporary mathematics. It was inspired by Felix Klein's book *Elementary Mathematics from an Advanced Standpoint*, first published 100 years earlier. A Design Group of 8 people was established in 2008, and plans formed to produce "vignettes" and, ultimately, a comprehensive book. A vignette is a short, readable piece on a topic of contemporary mathematics. Some money was made available so that the Design Group could meet.

As Vignettes began to be produced and tested amongst teacher readers, the "Klein Vignette Style" evolved, and in 2011 it was decided to establish a Blog (<http://blog.kleinproject.org>) as

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a means of distribution. It was also decided to make Vignettes available in as many languages as possible. There are currently 24 Vignettes in total, all available in English, and some translated in Arabic, French, German, Italian, Spanish, Portuguese, and Mandarin.

The Blog also has a "Book of the Month" and "Site of the Month" feature, the former featuring books of general mathematical interest for teachers first published more than ten years ago. There is an active "Klein community" of translators, who are mathematicians or mathematics educators or teachers who give their time to creating translations in their own language. All offers of help are welcome. The number of hits on the Klein Blog continue to increase, and currently the Blog receives an average of 100-200 hits per day, with an all-time total of over 118 000 hits. While this is small by web standards, it represents at least 50 vignettes being read by teachers somewhere every day, after accounting for accidental and non-teacher hits.

The future of the project was discussed at length at the ICMI EC meeting and the need to continue it was stressed. ICMI decided to continue to support the part-time employment to mount items on the Blog. The Klein Project, however, has developed a third avenue: Klein Seminars were held in UK, Spain, Portugal, France, USA, Brazil, and Australia. Such seminars are now replaced by workshops or sessions at conferences, most recently at EARCOME 7 in Philippines in May, 2015. Two countries, Brazil and Sweden, have established regular (annual or bi-annual) Klein Meetings of teachers and mathematicians. In both cases, significant national funding was obtained.

At the ICMI EC meeting in Macau in 2015 the EC decided to launch a Second Phase of the KleinProject. Aims are to launch the production of the book and to continue with Vignettes.

## **Outreach to Developing Countries**

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### **Capacity and Networking Project (CANP)**

CANP aims to enhance mathematics education in developing countries by supporting the educational capacity of those responsible for mathematics teachers, and creating sustained regional networks of teachers, mathematics educators and mathematicians, linking them to international support.

**The first CANP Program, CANP EDIMath Sub Sahara Africa** was held for two weeks in 2011 in Mali with about 40 participants from five countries in the region. The follow up meeting of CANP Sub-Sahara EDIMath was successfully held in September 2012 in Senegal.

**The second CANP Programme, CANP Central America and the Caribbean**, held its two-week workshop in 2012 with 67 researchers and educators from Colombia, Panama, Venezuela, Dominican Republic, Spain, Mexico, Cuba and host country Costa Rica. The most important result of CANP Costa Rica 2012 was the founding of the *Mathematics Education Network of Central America and the Caribbean*, which seeks to enhance capacities in Mathematics and Mathematics Education in the region.

The website is: <http://redumatematicacyc.net>.

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In 2013 the Network met (as a follow up) in November 6-8 in Santo Domingo, Dominican Republic. In 2014 the Central American and the Caribbean National Report was translated into English and can be found here: <http://www.mathunion.org/icmi/activities/outreach-to-developing-countries/canp-project-2012-central-america-and-the-caribbean/>

**CANP 3 SMR-Sub Mekong Region (former name South East Asia):**

The Third Capacity and Network Project (CANP) started with a two-week workshop which was held from 14th to 25th October, 2013 in Phnom Penh, Cambodia with more than 40 participants from Cambodia, Laos, Thailand and Vietnam. CANP3 held a follow-up meeting as Special Workshop at EARCOME 7 in Cebu Philippines on May 14, 2015. Eighteen people attended of whom 15 had also attended CANP-SMR: 5 from Thailand, 2 from Laos, 5 from Cambodia and 2 from the International Committee (three others from the Scientific Committee were at EARCOME but could not attend the Workshop session due to other commitments. Amongst the new people was Yuriko Baldin who was observing as ICMI liaison for the forthcoming CANP5 (Andean region). Discussions were very productive and it was agreed on the following: a) the network was worth preserving, and the name CANP-SMR was suitable; b) to establish a List-serve for communication and to have a CANP-SMR web-page hosted by ICMI; c) the Report is being prepared and most parts are received, but the editing process may take until the end of the year; d) to meet in December in Thailand at the WALIS2015 conference.

**CANP 4, East Africa:** Mathematics educators, teachers and mathematicians from East Africa gathered at the Aga Khan University Institute for Educational Development in Dar el Salam, Tanzania from September 1 to 12 2014 for the Capacity and Network Project (CANP) East Africa conference. About 80 mathematics teachers and teachers' educators from Tanzania, Kenya, Uganda and Rwanda participated in the conference aimed at advancing mathematics education in East Africa. In addition to East African representatives, speakers from Botswana, Canada, Mozambique, France, Italy, South Africa, and Sweden participated in the conference. Among the speakers were Edward Lungu (Botswana), Jill Adler (South Africa, former ICMI EC member), Christiane Rousseau (Canada and IMU EC member) and Daniel Nyanganyura (ICSU Regional Office, ROA, South Africa) as well as the local programme chair, Anjum Halai from the Aga Khan University, and ICMI president and CANP 4 Programme Manager Ferdinando Arzarello.

**CANP 5, Andean Region and Paraguay:** In 2014 the ICMI EC selected the fifth region. The following countries were invited to participate: Bolivia, Ecuador, Peru and Paraguay. The Program Manager and Local Coordinating Chair have been selected (Yuriko Baldin and Uldarico Malaspina) and started working in 2014. The fifth CANP was held in February 2016. About 60 mathematics teachers and teachers' educators from Bolivia, Ecuador, Peru and Paraguay participated in the workshop aimed at advancing mathematics education in the Andean Region and Paraguay and forming a local network. In addition to Andean representatives, speakers from Canada, Costa Rica, France, Italy, participated in the conference. Among the speakers were ICMI Awardee Luis Radford (Canada), Angel Ruiz (Costa Rica, ICMI EC member), as well as ICMI president and CANP 4 Programme Manager Ferdinando Arzarello.

**CANP Books.** Ferdinando Arzarello negotiated with Springer the publication of the CANP regional reports. The first book from CANP 4, Mathematics Education in East Africa Towards Harmonization and Enhancement of Education Quality (Editors: Halai, Anjum, Tennant, Geoff) was published in 2016 by Springer. The publication of the other four reports is planned.

**Reviewing CANP:** Until 2015 there have been four CANP Workshops spanning over six years. ICMI and IMU have invested considerable funding (about 200,000 Euros), and many requests are received for funding CANP follow-ups. ICMI EC accepted in 2015 a proposal to undertake a thorough and systematic review undertaken by a commission of six members as follows: Michèle Artigue and Bill Barton (as the two originators of the CANP Project), Angel Ruiz (as one of the CANP ICMI Liaisons and in his capacity as CDC member), Ferdinando Arzarello (as ICMI President as well as being a CANP ICMI Liaison), and Lena Koch (for her knowledge of all five CANPs, her international development experience, and her CANP 1-5 financial and project management experience) and Abraham Arcavi as ICMI Secretary General. The proposal was accepted and Lena Koch started in 2015 to create a survey and evaluation process with the CANP participants and lecturers which will be discussed by the review committee in May 2016.

### **IMU - Commission for Developing Countries (CDC)**

The ICMI EC also appoints one member of the IMU Commission for Developing Countries (CDC). The ICMI EC 2013-2016 nominated Angel Ruiz as member of this Commission. He participated in the CDC meeting in March 2015 in Berlin, Germany.

In 2015 CDC supported the CANP 5 (Peru) workshop with EURO 30 000 from the IMU Special Projects grants.

### **ICMI Awards**

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In 2003 ICMI created the Felix Klein Award, for lifelong achievement in mathematics education research and the Hans Freudenthal Award for a major programme of research on mathematics education. These awards are announced every two years and conferred at the opening ceremonies of ICMEs. The Klein and Freudenthal Awards Committee has six members and is currently chaired by Carolyn Kieran (Canada).

The 2015 Felix Klein Awardee is Alan Bishop (Australia) and the 2015 Hans Freudenthal Awardee is Jill Adler (South Africa).

In 2014 ICMI created a new award named after Emma Castelnuovo. The award committee was formed in 2014 and consists of six members, currently chaired by Jeremy Kilpatrick (USA).

The 2015 Emma Castelnuovo Awardees are Hugh Burkhardt and Malcolm Swan (UK).

## **Communication and Outreach**

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ICMI uses the following channels of communication with professional organizations and the general public:

- The ICMI News Newsletter is issued three times a year (July 1, November 1, March 1) and includes relevant news, announces activities, and presents reports. The newsletter includes a short editorial by an ICMI EC member and serves to disseminate ICMI information. The ICMI Newsletter editors are Cheryl Praeger and Abraham Arcavi.
- ICMI has a column in the newsletter of the European Mathematical Society (four publication per year) and in L'Enseignement Mathématique. Jean Luc Dorier is the ICMI contact person.
- ICMI is actively maintain its website [www.mathunion.org/icmi](http://www.mathunion.org/icmi). The editors are Lena Koch and Jaime Silva. The ICMI website is hosted on the IMU server in Berlin.
- Each spring ICMI is issuing an annual activity and financial report to IMU.
- The ICMI Facebook page was established in 2011 and has more than 5,500 likes. The editors are Jaime Carvalho e Silva and Lena Koch.

These channels of communication cover ICMI's archival requirements and fulfil ICMI's statutory obligations. It was unanimously decided to discontinue the production of the Bulletin, whose functions will be fully covered by the four channels described above.

All communications except the Social Media Site are under the Senior Editorship of the ICMI Secretary-General.

## **Further Activities**

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### **ICMI Digitization Program**

The ICMI Digital Library Project aims at providing open access to all ICMI publications and thematic Studies. Currently proceedings of the symposium organized in the year 2000 on the occasion of the centennial of L'Enseignement Mathématique, the official organ of ICMI, the first five ICMI Studies, ICMI Bulletins, and proceedings various meetings and conferences are available for free download on the ICMI website.

<http://www.mathunion.org/icmi/digital-library/introduction/>

### **Database Project**

The Database Project, launched in 2011 has as its ultimate goal to build up a free access database of the mathematics curricula (ranging from pre-primary, primary, elementary, middle, secondary to vocational and undergraduate university level) from all over the world. Useful web links can be sent to the ICMI Secretary General. Currently information from 28 countries is available on the ICMI website. The database is already in use by researchers and curriculum-developers.

## **Further International Cooperation and Outreach**

All ICMI EC members kept their national organisations and adhering organisations informed about ICMI developments.

## **ICMI Archival Activities**

Bernard Hodgson, the ICMI Archive Curator is working towards digitalising historical ICMI materials.

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## Financial Summary

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ICMI's principal source of income is an annual grant from the International Mathematical Union (IMU) that receives its financial support from IMU member countries. In 2015 ICMI also received a grant from CDC for the CANP 5 Andean and Paraguay workshop (Euro 30,000).

The other major financial support source for ICMI activities comes from the home institutions of its members. In 2015 many institutions from all over the world supported ICMI activities via financing travel cost of ICMI EC members and other ICMI officials to ICMI events and activities and supporting ICMI activities like ICMI Study conferences (Macao), CANP meetings and workshops, Klein meetings, etc.

The ICMI EC and in particular the ICMI Secretary- General approves the ICMI budget and all its related spending.

The ICMI EC would like to thank IMU, IMU Commission for Developing Countries (IMU-CDC), UNESCO, the IMU Secretariat and its host institution WIAS Berlin and all institutions who financially and/ or administratively supported ICMI activities in 2015.

The ICMI EC would also like to highlight the work of all individuals who are actively involved in ICMI activities and without whom ICMI activities and outreach would not be possible.

More information about ICMI can be found on the website: [www.mathunion.org/icmi](http://www.mathunion.org/icmi)

Ferdinando Arzarello, ICMI President  
Abraham Arcavi, ICMI Secretary- General  
Lena Koch, IMU Secretariat

March, 18, 2016

## Financial Report ICMI

<b>ICMI BUDGET 2015</b>	<b>In EURO</b>
<b>INCOME</b>	
<b>Savings</b> ICMI bank account from previous year	€194.611
<b>General Income</b>	
Annual IMU Grant	€57.962
<b>Special Income</b>	
Grant CDC for CANPs	€30.000
UNESCO Grant (CANP 2014, second payment)	€344
IMU grant for ICME 13	€8.000
Springer Royalties ICMI Studies	€1.024
<b>Total Income:</b>	<b>€291.941</b>
<b>EXPENDITURE</b>	
<b>1. ICMI Administrative Costs</b>	
1.1. General Administrative Costs	€2.010
1.2. EC Meetings	€9.000
1.3. Travel EC members and ICMI Administrator	€9.290
<b>Total Expenditure Administration:</b>	<b>€20.300</b>
<b>2. Research/ Studies</b>	
2.1. ICMI Studies	
2.1.1. ICMI Study 23 Conference Grant	€3.500
2.2. Klein Project	€500
<b>Total Expenditure Research</b>	<b>€4.000</b>
<b>3. ICME</b>	
ICMI-13 Hamburg (2016) Congress Subvention	€10.000
<b>Total Expenditure ICME and IMCI GA:</b>	<b>€10.000</b>
<b>4. Developing Countries Activities and Support 2015</b>	
CANP 1-5 (follow up activities and workshops)	€52.300
<b>Total Expenditure Developing Countries:</b>	<b>€52.300</b>
<b>5. Outreach and PR/ Publication</b>	
Translation Freundenthal Book	€3.630
<b>Total Expenditure Outreach:</b>	<b>€3.630</b>
<b>6. Regional Conferences 2015</b>	
EMF, EARCOME, CIAEM, CiEMeLP	
<b>Total Regional Conferences:</b>	<b>€21.000</b>
<b>7. Further Cost:</b> Bank Charges	€1.100
<b>Further Costs:</b>	<b>€1.100</b>
<b>Total Expenditure ICMI</b>	<b>€112.330</b>
<b>Savings 2015</b>	<b>€179.611</b>