First Announcement

The Math Education Network for Central America and the Caribbean (REDUMATE) announces the:

1st Congress on Math Education for Central America and the Caribbean (I CEMACYC)

to be held in Santo Domingo, Dominican Republican, from November 6 to 8, 2013.

On November 5, 2013 the General Assembly of the Math Education Network for Central America and the Caribbean (REDUMATE) will be held. REDUMATE was born during the Capacity and Network Project (CANP) that was held in Costa Rica in August of 2012. CANP is a project of the International Commission on Mathematical Instruction (ICMI). The Assembly is not public. To participate in it you should register formally as a member of the Network.

The 1st CEMACYC will have prestigious speakers from the international Math Education community who will participate in in plenary addresses and roundtables, parallel addresses and roundtables, and courses.

The 1st CEMACYC is accepting proposals from academic and students for short communications, workshops and posters.

The Congress is sponsored by the International Commission on Mathematical Instruction (ICMI), the International Mathematical Union (IMU), the Interamerican Committee on Math Education (IACME) and the regional office of the International Council for Science (ICSU).

Official languages: Spanish, Portuguese, English.

Topics

The central topics of the Congress are:

- Teacher preparation in Math Education
- Curriculum development in Math Education

All the possible topics for the Congress are:

1. Pre-service teacher preparation in Math Education for the primary level grades 1 to 6.
2. Pre-service teacher preparation in Math Education for the secondary level grades 7 to 12.
3. Continuous in-service preparation and professional development in Math Education.
4. Curriculum development in Math Education.
5. Use of technology in the teaching and learning of Math.
6. Use of web-based technologies in Math Education.
7. Ethnomath and sociocultural perspectives.
8. Evaluation of mathematical learning and comparisons on international tests.
9. Research in Math Education.
10. Competencies in Math Education.
11. Probability and statistics in Math Education.
12. Geometry in Math Education.
13. Algebra and functions in Math Education.
14. Differential and integral calculus in Math Education.
15. Math Education in the first years of schooling to grade 6.
17. History and Philosophy of Math and Math Education.
18. New emphases and tendencies in Math Education.
19. Math Education and its relation to other areas of knowledge.
20. Math Education and special needs.
22. Modeling in Math Education.

International Scientific Committee

Alexa Ramírez, Costa Rica alexarv11@gmail.com
Carlos Sánchez, Cuba csanchez@matcom.uh.cu
Claudia Groenwald, Brasil claudiag1959@yahoo.com.br
Edison De Faria, Costa Rica edefaria@gmail.com
Eduardo Mancera, México eduardo_mancera@prodigy.net.mx
Edwin Chaves, Costa Rica echavese@gmail.com
Hugo Barrantes, Costa Rica habarran@gmail.com
Jhony Alexander Villa, Colombia jhonyvilla@gmail.com
José Chamoso, España jchamoso@usal.es
Luis Carlos Arboleda, Colombia luis.carlos.arboleda@gmail.com
Manuel De León, España mdeleon@icmat.es
Nelly León Gómez, Venezuela nellyleong@hotmail.com
Patricia Camarena, México patypoli@prodigy.net.mx
Patrick Scott, EUA pscott@nmsu.edu
Salvador Linares, España sllinares@ua.es
Sarah Inés González, República Dominicana sarahgonzalez@pucmmst.edu.do
Walter Otto Beyer, Venezuela nowarawb@gmail.com

Chair: Angel Ruiz, Costa Rica (ruizz.angel@gmail.com)

The International Scientific Committee coordinates the scientific program and the review of all proposals for presentations.

Scientific Program and Presentations

Specialists invited by the International Scientific Committee will present plenary addresses and roundtables, parallel addresses and roundtables, and courses. Plenary and parallel addresses will be 50 minutes (except the opening plenary which will be 1 hour 20 minutes). Courses will be for a maximum of 1 hour and 50 minutes. Parallel roundtables will be for 50 minutes, and the closing roundtable will be for two hours.
The following have confirmed as plenary speakers:

- Ubiratan D’Ambrosio (Brazil)
- Michèle Artigue (France)
- Luis Radford (Guatemala, Canada)
- Salvador Llinares (Spain)
- Eduardo Mancera (Mexico)
- Patrick Scott (USA)

Presentations as Workshops, Communications and Posters will be open to researchers, educators, students and the public in general.

- **Workshops.** This is one of the main modalities for presentations at this Congress. These are sessions of one hour and 50 minutes in which a topic can be developed with more detail and more active public participation. They should have a more practical focus, although always with the purpose of developing an idea or research results, or a pedagogical experience. There will be no more than 15 Workshops. The International Scientific Committee will select workshops according to the quality and relevance of the proposals.

- **Communications.** These presentations will reflect the results of research (experimental, ethnographic, quantitative, qualitative, etc.), educational experiences, pedagogical proposals, etc. on the 1st CEMATYC topics. Communications will be 20 minutes long, including public participation. The written paper should express and justify with clarity the ideas that it provides and should indicate the frame of reference, the bibliography, and state the results and conclusions.

- **Posters.** Poster presentations are to communicate research or experiences that can most conveniently be presented with visuals and graphs, rather than by written form. There is no oral presentation of the posters. Authors can share materials with participants and discuss with them during the time dedicated to the poster exhibition.
  - Prizes consisting of a book on Math Education or Math and the refund of the registration fee will be given to the three best posters. The decision will be made by the International Scientific Committee based on a survey of Congress participants.

**Sending in Presentation Proposals**
The first step in sending in a **presentation proposal** is to follow the specific preparation guide that is described below.

- Go to the link **Sending in Proposals**, when the period for receiving proposals has begun.
- Proposals should be presented only for topics offered in this 1st CEMACYC.
- All proposals should be sent in via the OCS platform. No other way is permitted. You can easily edit your account profile at any time.
- The review of proposals will be coordinated by the International Scientific Committee and will be a “blind” process (the reviewers will not know the names of the authors of proposals).
- If a proposal is accepted the authors should upload the corresponding paper to the OCS platform before September 23, 2013, in the proposed format.
- The International Scientific Committee will not include in the program presentations that are not in the proposed format, that do not possess the academic quality or that do not correspond to approved proposal that was presented.
- An author may not propose more than two presentations (Communication, Poster or Workshop) and no more than one Workshop.
- The maximum number of coauthors on a presentation proposal is four.
- It is necessary to download from the official website the **Author’s Guide** in order to follow the procedures for sending in proposals for presentations and for sending in the corresponding paper once a proposal has been approved.

**Guide for Preparing a Presentation Proposal**
- The proposal of Workshops or Communications should have between 1000 and 1500 words. The proposal of Posters 300-500 words.
- The presentation proposal should not contain the names of the authors nor institutional references, nevertheless the author information should be included completely in the metadata on the OCS.
- A proposal should at least contain:
  - The title of the proposed work
To prepare a proposal you should use the guide for Presentation Proposal, which can be downloaded from the official website. There are 2 guides: one for Workshops and Communications and one for posters.

No documents should be attached to a Presentation Proposal.

A Presentation Proposal can be accepted or rejected. In the case of rejection the International Scientific Committee will offer its reasons. The authors can resend the same proposal corrected or improved (for a maximum of two times) as long as this is done within the time limits established for sending in proposals.

Acceptance of completed papers

- Completed papers can be:
  - Approved
  - Definitively Rejected: for not corresponding to the presented proposal or for not having adequate quality standards.
  - Temporarily rejected: subject to requested modifications of form that the authors should realize in the established time limits. The authors will have only one opportunity to resend the corrected paper. In the case of not realizing the modifications, the paper will be definitively rejected.

Decisions of the International Scientific Committee are not appealable.

Format of completed approved or invited papers

- Approved or invited papers (complete text) should use the REDUMATE Style (which defines the format and is similar to the IACME Style of the Interamerican Conferences on Math Education). It can be downloaded in the Downloads section of the website. It is convenient to use Template for Papers also available on the website
- Short Communications and Workshops should be between 8 and 12 pages.
- The academic text on Posters should be two pages.
- Plenary and Parallel Addresses should be no more than 20 pages.
- Courses should be no more than 20 pages.

Publication of complete approved papers

- All accepted works will be published online before the event (Pre-Proceedings) as soon as they are completed by the authors, for the benefit of participants.
- The International Scientific Committee will publish in digital form a book of Memorias del I Congreso de Educación Matemática de América Central y El Caribe (Proceedings of the 1st Congress on Math Education for Central America and the Caribbean) with all the papers (and the respective ISBN), which will be available to all participants at the website for the Congress.
- A selection of presented papers will also be published in the Cuadernos de Investigación y Formación en Educación Matemática (Costa Rica): http://revistas.ucr.ac.cr/index.php/cifem. The International Scientific Committee will edit those papers and coordinate their publication.
- Approved papers will be included in the online Pre-Proceedings and in the Proceedings as long as at least one author has paid the registration fee.

Presentations

- Only the authors of presentations may present them in the conference.
- The person making the presentation should bring their own laptop computer

Certificates

- A certificate will be given for presentations actually given, including the names of all the signed authors.
- A certificate of participation in the event will only be given to persons that attend and are duly registered.

Declaration of Authenticity

The authors declare that the text of papers submitted to the event is original and that the contents are the direct product of the intellectual contributions of the signed authors. All data and references to already published material are duly identified with
the respective credit and are included in the bibliographic references.

Also, the authors assume a commitment to any litigation or complaint related to rights of intellectual property, thus exonerating the International Scientific Committee of the event from any responsibility.

The authors authorize the International Scientific Committee to include the submitted texts in the online *Proceedings* and that they may be edited, reproduced, distributed, exhibited and communicated via print and electronic means.

**Schedule***

<table>
<thead>
<tr>
<th>November 5</th>
<th>November 6</th>
<th>November 7</th>
<th>November 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a 8:30</td>
<td>Registration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:30 a 9:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:00 a 9:30</td>
<td>Network Assembly. Work group reports</td>
<td>Plenary Address</td>
<td>Plenary Address</td>
</tr>
<tr>
<td>9:30 a 10:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00 a 10:30</td>
<td>Opening Ceremony</td>
<td>Coffee Break</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:30 a 11:00</td>
<td></td>
<td>Plenary Address</td>
<td>Plenary Address</td>
</tr>
<tr>
<td>11:00 a 11:30</td>
<td>Opening Address</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:30 a 12:00</td>
<td>Parallel Addresses &amp; Roundtables</td>
<td>Parallel Addresses &amp; Roundtables</td>
<td></td>
</tr>
<tr>
<td>12:00 a 12:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:30 a 1:00</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00 a 1:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:30 a 2:00</td>
<td>Network Assembly. Work group reports</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2:00 a 2:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2:30 a 3:00</td>
<td>Presentations &amp; Courses</td>
<td>Presentations &amp; Courses</td>
<td>Plenary Roundtable</td>
</tr>
<tr>
<td>3:00 a 3:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:30 a 4:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:00 a 4:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:30 a 5:00</td>
<td>Coffee Break</td>
<td>Coffee Break</td>
<td>Closing Ceremony</td>
</tr>
<tr>
<td>5:00 a 5:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5:30 a 6:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6:00 a 6:30</td>
<td>Cultural &amp; Social Activity</td>
<td>Group Meetings</td>
<td></td>
</tr>
<tr>
<td>6:30 a 7:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:00 a 7:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:30 a 8:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:00 a 8:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:30 a 9:00</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* tentative
There will always be 10 minutes between presentations.
1st Congress on Math Education for Central America and the Caribbean (I CEMACYC)
November 6-8, 2013, Dominican Republic

Important Dates

**Registration**: From August 1 to November 8, 2013.

**Registration Fee Payment**
- August 1 to September 30, 2013: US $110.
- October 1 to 22, 2013: US $130.
- October 23 to November 8, 2013: US $150.

**Proposals**
- Send in Presentation Proposals: April 1 to June 30, 2013.
- Communication on acceptance of Presentation Proposals: no more than 30 days after the presentation of the Proposal.
- Send in the complete version of papers: no later than August 15, 2013.
- Communication on the acceptance or not (including temporary rejection) of the final version of the paper: no later than August 30, 2013.
- Send in corrected versions of papers temporarily rejected: no later than September 15, 2013.
- Communication on the acceptance or rejection of corrected papers: no later than the September 22, 2013.
- To be included in the program, the completed version of definitively approved papers must be uploaded to the OCS platform by September 23, 2013.
- To be included in the program, at least one of the coauthors of a paper must have paid the registration fee by September 23, 2013.

Information will be updated only on the official web page: [http://i.cemacyc.org](http://i.cemacyc.org)

Contacts

**Local Organizing Committee.**
Chair: Sarah González
sarahgonzalez@pucmmsti.edu.do

**International Scientific Committee**
Preside: Angel Ruiz ruizz.angel@gmail.com

**Director General and Administrator of the platform OCS**
Alexa Ramírez alexarv11@gmail.com