

Call for Papers

The organizing team invites submissions of papers for ICEM 4:
Ethnomathematics in the 21st Century

Please, write your paper with attention to one or more of the following questions:

1. What evidence is there, and how do we get more, that school programs incorporating ethnomathematical ideas succeed in achieving their aims for the mathematical education of learners and of their ethnomathematical aims?
2. What are the implications of existing ethnomathematical studies for mathematics and mathematics education?
3. What is the relationship between Ethnomathematics and Multicultural Mathematics and between Ethnomathematics and Social Aspects of Mathematics Education.
4. How have the developments in Indigenous knowledge throughout the world affected or influenced ethnomathematical research.
5. Ubi D'Ambrosio and his disciples advocate that Ethnomathematics offers opportunities for teaching and learning mathematics that promote a world agenda for increasing the prospects of peace and diminishing the prospects of war and conflict? To what extent does consensus exist for this perspective? Why?
6. What are the implications of existing ethnomathematics for the study of anthropology?
7. Ethnomathematics can be defined both broadly and narrowly. How do these broad versus narrow definitions influence/impact the ways in which ethnomathematics is incorporated into formal educational settings?

Panels

Panel Presentations are going to be organized around the following thematic questions. If you would like your paper to be considered for one of the following, please state which panel you are submitting to.

“How can the research endeavor in ethnomathematics inform educational theory, policy and practice?”
Panel Chair: Rex Matang Papua New Guinea (University of Goroka)

“What is the role of ethnomathematics in primary and secondary teacher education?”
Panel Chair: Barbara Garii USA (SUNY Oswego)

“What difference could technology make in the theory or practice of ethnomathematics?”
Panel Chair: Ron Eglash USA (Rensselaer Polytechnic Institute)

“What is the relationship between language and ethnomathematics?”
Panel Chair: Tamsin Meaney, AUS (Charles Sturt University)

“How has ethnomathematical research progressed in Europe and in general Western society?”
Charoula Stathopoulou, Greece (University of Thessaly)

Call for Poster Session Proposals – ICME - 4

The 4th International Conference on Ethnomathematics will be held Towson, Maryland, USA, from July 25-30, 2010.

Poster Session Proposals are due on 01 February 2010 and Authors will be notified on or before 01 April 2010. ICME - 4 Poster Sessions will be held on July 26, 27, 28, and 29 of the conference.

Poster sessions are an effective forum for the exchange of information and a means to communicate ideas, research, and programs. Poster sessions may present any of the following:

- A description of an innovative culturally relevant instructional activity appropriate for classroom application (at any level)
- A presentation depicting a culturally responsive professional development technique for inservice teachers
- A report of an ethnomathematical research study
- A description illustrating the use of mathematics in a diverse culture or community

Directions for Submission: Please submit a description of the proposed poster presentation (no more than 500 words) to icem4submission@gmail.com. (In your subject line please type Poster Submission) Proposals should describe a brief summary of the posters content and intended learning outcomes for attendees. A very brief description of the poster's graphics, pictures, data, graphs, and/or diagrams will be helpful in the review of the proposals.

Poster session participants may place materials such as pictures, data, graphs, diagrams and narrative text on boards no larger than 4' x 8'. Posters will be on display for the entire day to which they are assigned. Participants are responsible for set up and removal. During the assigned day, participants may informally share and discuss their presentations with conference attendees.

Poster sessions are not to include product advertisements, vendor displays, etc. If you are unsure if your proposal qualifies, please e-mail Jim Barta, Chair of the Poster Sessions (jim.barta@usu.edu)

Academic Program Committee:

Saul Duarte, USA (Los Angeles Unified School District)
Barbara Garii, USA (SUNY Oswego)
Rex Matang, Papua New Guinea (University of Goroka)
Edith Saiz, Mexico (Escuela Nacional de Antropología e Historia)
Charoula Stathopoulou, Greece (University of Thessaly)
Tod Shockey, (University of Toledo)

Academic program committee members will screen each proposal and notify authors of the decision to accept or not accept. Accepted papers will be uploaded to the ICEM 4 website for public access and specifically for the purpose of attendees to read and study them in advance.

The Journal of Mathematics and Culture invites authors submissions for a peer reviewed focus issue for manuscripts presented at ICEM4. If you would like your manuscript to go through the blind peer review process please state this in your submission.

The language of the papers is English and papers that are accepted will done using the APA style.

Initial Schedule

Short outline/proposal (2 pages) — 28 December 2009
31 January 2010 Accept/Decline Response to the authors
01 April 2010 Accepted Complete Papers Submitted
30 April 2010 Editorial Process Completed
16 May 2010 Final Paper Submitted
01 June 2010 Manuscripts Posted on the ICEM 4 Website (PDF Format)

Practical information

Length of proposal: 2 pages plus references

Submission Details

Please submit your proposal to ICEM4submission@gmail.com. In the subject heading please state if this is a proposal for a paper, poster, or panel (please name the panel). If you desire to have your paper go through a blind peer review for publication in the Journal of Mathematics and Culture's focus issue, please state this in your e-mail.