

MAA COMMITTEE ON COMPUTERS IN MATHEMATICS EDUCATION

TUESDAY, 8-JAN-2002

1:00 PM - 3:00 PM

Torrance Room, South Tower, Level 4
Marriott Hotel, SAN DIEGO, CA

MINUTES

I. Call to Order 1:05 p.m.

II. Attendance

CCIME Members (present): Marcia Birken, Elias Deeba, Mary Platt, Brian Smith, Bruce Yoshiwara

CCIME Members (not present): Douglas Ensley, Johnny Henderson, Zsuzanna Kadas, Gina Reed, Bert Waits, Jeffrey Watt

CCIME Friends: Kirby Baker, Marcelle Bessman, Wade Ellis, Rebecca Hill, Jerry Kissick, Howard Penn, David Smith

(Note: Changes in committee compositions are effective at the end of the JMM.)

III. Minutes: Approved as corrected.

IV. Activities at the current meeting

a. CPS: Title: Computational Mathematics in Linear Algebra and Differential Equations

Attendance varied between 25 and 40 audience members. Positive comments were made about the papers. Some authors were advised about the possibility of making a submissions to the Journal of Online Mathematics.

b. CPS: Innovative Uses of the World Wide Web in Teaching Mathematics

Attendance varied between 35 and 105 with 65 in attendance for the last paper in the session. There are ongoing problems with technology. These were discussed at length and forwarded to Jim Tattersall. As a precaution, speakers need to be advised to have a "back-up" plan in the event of technology malfunction.

c. Global Classroom:

There was a miscommunication in the planning of a Minicourse on the Global Classroom. As a consequence, a Special Session was added to the program. There were problems with the technology. There appeared to be a firewall problem in that the remote person from Tampa, FL, could not access the local people. Rather than demonstrate the interactions that can be achieved between two sites, the demonstration was done as an "over the shoulder" presentation with two people using the same computer with the remote person walking away when appropriate.

- V. **Activities planned for the MathFest 2002, Burlington, VT, August 1-3, 2002**
Plans are moving forward for the Contributed Paper Session listed below. The deadline for proposals for Panels is January 20, 2002.
- a. **MAA CP A1 Creative Use of Technology in Teaching Mathematics**
Thursday afternoon
Mary L. Platt (*)
E-Mail: mplatt@salemstate.edu
Marcelle Bessman
- b. **MAA CP B1 E-Learning Mathematics Courses**
Thursday afternoon
Elias Deeba (*)
E-Mail: Deebae@dt.uh.edu
Ananda Gunawardena

- VI. **Discussion and Approval of proposals for Joint Meetings 2003, Baltimore, MD, January 15-18, 2003**
Four Contributed Paper Session topics were discussed.
- a. CPS: Proposal Title: **Mathlets for Teaching and Learning Mathematics** (Abstract is attached at the end of the Agenda)
- b. CPS: Elias Deeba, Drs. Marchand and McDevitt propose the possibility of having a similar session with same title as the San Diego Meeting, "Computational Mathematics in Linear Algebra and Differential Equations"
- c. Continuation of the **Innovative Uses of the World Wide Web in Teaching Mathematics**
- d. A proposal from Sarah Mabrouk.
The Committee forwarded to the Committee on Contributed Papers the request that there be
- 2 sessions for **Innovative Uses of the World Wide Web in Teaching Mathematics**
 - 2 sessions for **Computational Mathematics in Linear Algebra and Differential Equations**
 - 1 session for **Mathlets for Teaching and Learning Mathematics**

In addition, the CCIME asked its chairperson to send a letter to the proposers of the Mathlets CPS suggesting that in addition to a CPS, they consider organizing a minisession.

Finally, CCIME has not organized a Panel in a while. The deadline for submissions is May 1, 2002. Any proposal should be forwarded to the chairperson who will organize an email discussion and a vote.

- VII. Preliminary discussion of proposals for MathFest 2003, Boulder, CO

Don't forget to be thinking about possibilities.

VIII. Math DL/JOMA

David Smith reports that while their internet connection functioned perfectly, they lost the mouse just before the session began and had to reboot.

The Digital Library (Math DL) is part of a larger NSF project. Math DL has three components:

- Digital Classroom Resources (DCR) – free side of the library which will contain reviews.
- Catalog of Commercial Products (CCP) – hundreds of listings mostly of a print nature. Software can be listed. There will be telegraphic reviews. Discussions will be captured and cataloged. It is hoped that this side of the library will generate about \$120,000.
- Journal of Online Mathematics (JOMA) – of which volume 1 is complete. JOMA is moving into continuous publication and will flag new material. A registration process will give notification that something new has been added.

Current work is focusing on adding search facilities to DLR and CCP.

IX. SIGMAA

There will be an organizational meeting on the last day of this meeting. The group has not decided on a name yet, but the focus is on the web. They are also interested in helping JOMA to find reviewers for their materials.

X. Other

CUPM has updated their information on MAA Online to include results from their deliberations on technology issue. (CCIME made some suggestion to them.)

XI. Adjourn: 2:21 p.m.