Kalamazoo and Western Michigan University are the mathematical capital of the world this week. Mathematicians, mathematical scientists and professors and teachers of mathematics from throughout the United States, Canada and many foreign countries are here for the 79th annual summer meeting of The American Mathematical Society and the 55th annual summer meeting of the Mathematical Association of America.

Pi Mu Epsilon, national mathematics honorary, also will hold its national meeting at W.M.U. Other professional groups holding meetings here include The Association of Women in Mathematics, The Mathematicians Action Group, and The Conference Board of Mathematical Sciences. Between 1,500 and 2,000 people are expected to attend.

Professor Lipman Bers of Columbia University is the 1975-76 AMS president and Professor H. O. Pollak, director of the Mathematics Research Center in the Bell Telephone Laboratories, is the 1975-76 MAA president.

Before the sessions begin on Monday, the AMS will conduct a short course on "Applied Combinatorics" August 16-17, featuring four distinguished speakers delivering six 75-minute presentations.

The regular sessions will feature several sets of colloquium lectures, dozens of invited one-hour addresses, The Earle Raymond Hedrick Lectures and hundreds of contributed research papers. There also will be several timely panel discussions on a variety of subjects. A number of mathematical films will be shown.

WMU's Department of Mathematics is host for the meetings. Departmental faculty members have handled local arrangements and also have planned numerous social activities for the visitors and their families.

Welcome

Western Michigan University is delighted to be the site for the national summer meetings of The American Mathematical Society, The Mathematical Association of America, Pi Mu Epsilon, The Association of Women in Mathematics, The Mathematicians Action Group, and The Conference Board of Mathematical Sciences.

On behalf of the University's faculty, students and staff, I bid you welcome and extend you best wishes for much success during your visit to our campus and the Kalamazoo community.

Please be assured that my office and the department of mathematics are honored to serve as hosts for your meetings.

/s/John T. Bernhard
President

MILLER AUDITORIUM is the headquarters for the national summer mathematics meetings at Western Michigan University. Other conference sessions are being held in adjacent campus buildings.
Variety of Tours Await Visitors

A variety of entertainment and recreational activities are available in the Greater Kalamazoo area for meeting participants and their families. These include:

INDEPENDENT TOURS

These are some of the places of interest in and near Kalamazoo which you may wish to visit on your own.

1. Upjohn Company (see also list of scheduled tours for further information)
   Call 382-4000, 24-48 hours in advance for individual reservations. Tours leave from the plant on the east side of Portage Road, south of Bishop St. on Monday through Friday at 9:15 a.m. and 1:15 p.m.

2. Paw Paw wineries (see also the list of scheduled tours for additional information).
   There are 3 wineries located within a short distance and one could visit all in an afternoon. The hours comprise ½ hour observing the wine making and ½ hour tasting. Advance reservations are not usually necessary. To reach Paw Paw take exit 60 from I-94.
   a. Warner Vineyards (S. Kalamazoo St.)
      Tours: Mon.-Fri. at 9, 10, 11, 1, 2, 3:15; Sat. at 10, 11
   b. St. Julian Winery (S. Kalamazoo St.)
      Tours: Mon.-Sat. at 9:30, 10, 10:30, 11, 11:30, 12:30, 1, 1:30, 2, 2:30, 3, 3:30, 4; Sun. at 12:30, 1, 1:30, 2, 2:30, 3, 3:30, 4
   c. Fontenac Winery (3418 W. Michigan Ave.)
      Tours: Mon.-Fri. at 9 a.m. to 5 p.m.
      Tasting Room: Mon.-Sat. at 9 a.m.-5 p.m.; Sun. at 12:30-5 p.m.

3. Kellogg Cereals in Battle Creek (962-5151)
   Take Exit 100 from I-94 and follow signs.
   Tours are continuous from 9 a.m. to 4 p.m. Mon.-Fri. The complete process from raw material to packaging is shown and a complimentary gift is given at the end of the tour. Children are welcome here.

4. Post Cereals (General Foods) (Beadle Lake Rd. exit off I-94)
   There is no plant tour but the art collection of the late C. W. Post may be seen at the Postum Club House, 275 Cliff St., 8 a.m.-4 p.m.

5. Kellogg Bird Sanctuary, 12865 East Westnedge Ave., 8 a.m.-6 p.m. Parking fee $.50
   There are wild ducks, geese, swans, pheasants, peacocks and other upland species.


7. Kalamazoo Nature Center, 7000 N. Westnedge (see also list of scheduled tours for additional information)
   Interpretive Center is open Mon.-Sat. 9-5 p.m., Sun. 1-5 p.m.
   Admission: Mon.-Fri. Adults $.50, Students $.25; Sat.-Sun. Adults $.1, Students $.50. Children under 5 free.
   There is a maximum charge of $2 per car. There is a showing of films and/or slides on Sat. and Sun. at 2 and 3 p.m. On weekdays it is possible to walk along the self-guided nature trails free of charge. There are no picnic facilities at the Nature Center but Maple Glen Park about 1½ miles north has a picnic area.

8. Kalamazoo Art Center, 314 S. Park St.
   Tues.-Fri.-11 a.m.-4:30 p.m.
   Sat.-9 a.m.-4 p.m.
   Sun.-1:30-4 p.m.
   Features a collection of 20th Century American Art.

9. Kalamazoo Public Museum, 315 S. Rose St. (in the Main building of the Kalamazoo Public Library). Mon.-Sat. 9 a.m.-5:30 p.m.
   Exhibits of natural and local history as well as an Egyptian room.

10. Gilmore Car Museum, near Richland at M-43 & Hickory Corners Rd. Open only on Sunday afternoons 1-5 p.m.
    A unique collection of 50 antique cars. Adults $1.50, children 12-16, $.75, under 12 free.

    Tours from 8 a.m. to 4:30 p.m., Mon.-Fri. Call in advance 382-0390 to make arrangements for groups of up to 20 persons (minimum age 10). Westab manufactures school supplies. The tour lasts 1 hour. Upon arrival ask for Mr. Edward Longjohn.

12. Brown Paper Co., 243 E. Patterson (see scheduled tour list for additional information).
    Individual tours must be arranged 24 hours in advance by calling 383-5000; ask for Robin Cronk. They are given Mon.-Fri. at 9:30, 1 & 3:30 p.m. and last 1 to 1½ hours.

13. Fisher Body Plant, 5200 E. Cork St. near Sprinkle Rd. and I-94, exit 80. Tours on Thursdays only at 9:30 & 1. Enclosed shoes and long sleeves must be worn. This is a fabricating plant for automobile parts.

14. Wolfe Lake Fish Hatchery west on route M-43 (West Main St.). Picnic facilities are available.

15. Deer Forest, Coloma (follow signs from I-94 west).
    Open daily 10-6 p.m.
    Adults $2, Children 5-13 $.75, under 5 free.
    A farm where children can feed animals. There is also a playground, picnic area and miniature train.

16. Plank Road Farm, Wayland (N. on US 131 to Wayland exit)
    Open daily 10:30 a.m. to 6 p.m.
    Telephone 1-792-2640 or 1-792-2241 for admission rate information.
    This is an authentic farm operation from the period of the 1860's, also pony rides, merry-go-round, and other rides and attractions, picnic area and snack bar.

17. Holland, Mich. (50 miles N.W. of Kalamazoo) has many tourist attractions relating to its Dutch heritage, including Windmill Island and a wooden shoe factory. An interesting side trip for family groups.

18. Colon, Michigan. Annual Magicians Get-together, August 20-23. Magic shows will be presented at 8 p.m. each evening. Admission $6.50 and $4. These are shows by professional magicians given for other professional magicians.

SCHEDULED TOURS

The following tours have been scheduled. However, since they are limited to the number of participants, it will be necessary to sign up in advance at the Information Desk. Bus transportation...
More Math Meeting Activities

will be provided and should be paid for when signing up for the tour.

1. **Upjohn Company**
   - **Tuesday, August 19 at 9:15-11:30 a.m.**
   - Limit: 60 persons (minimum age 9)
   - Each person pays $1.25 per hour.
   - The tour is a three-mile walk through the main production facility of this international company whose home office is in Kalamazoo. There is a complimentary coffee break during the tour.

2. **Paw Paw, Michigan**
   - **Tuesday, August 19 1:30-5 p.m.**
   - Limit: 80 persons. Michigan ranks third among the 50 states in wine production. On this tour you will visit some of the wineries to view the production process and to taste test the product.
   - Bus transportation will leave the Valley Dormitory area at 3:40 p.m. and Miller Auditorium at 8:50 a.m. at a cost of $7.75.

3. **Kalamazoo Nature Center**
   - **Wednesday, August 20, 10-11:30 a.m.**
   - Limit: 30 people including children.
   - Cost: $5.50 each. A 500-acre preserve with interpretive center, nature trails and animal farm.
   - Bus transportation at a cost of $7.75 will leave the dormitory area at 9:30.

4. **Brown Company**
   - **Thursday, August 21, 9:45-11:15 a.m.**
   - Limit: 25 persons (minimum age 10)
   - Cost: $1.75 for transportation.
   - The athletic facilities at Western Michigan University will be provided and should be paid for when signing up for the tour.

5. **Kalamazoo County**
   - **Thursday, August 21, 9:45-11:15 a.m.**
   - Limit: 25 persons (minimum age 10)
   - Cost: $1.75 for transportation.
   - The swimming pool in the Gary Center is open from 3:30-5:30 p.m., Monday-Thursday. Bring bathing suits and towels with you.

6. **Brown Company**
   - **Thursday, August 21, 9:45-11:15 a.m.**
   - Limit: 25 persons (minimum age 10)
   - Cost: $1.75 for transportation.
   - The swimming pool in the Gary Center is open from 3:30-5:30 p.m., Monday-Thursday. Bring bathing suits and towels with you.

**RECREATIONAL FACILITIES**

1. The athletic facilities at Western Michigan University will be available to all participants and their families. Pay a $2.25 per person fee at the local information desk to have your identification badge stamped. This will allow you unlimited access to the various facilities as well as use of the necessary equipment.
   - a. Read Field House and the Inramural Building open from 8 a.m. to 5 p.m., Monday through Friday, has facilities for badminton, basketball, handball, paddleball, indoor and outdoor tennis, track, softball, table tennis and volleyball.
   - b. The swimming pool in the Gary Center is open from 3:30-5:30 p.m., Monday-Thursday. Bring bathing suits and towels with you.
   - c. Outdoor tennis courts are located near the Goldsworth Valley apartments and on Davis Street on the East Campus.
   - d. The Gary Center, alleys and games room in the University Student Center are open daily 12-3 p.m. Student rates will be charged for the tour.

**CHILDREN'S ARTS AND CRAFTS**

- Monday, August 18 (unless otherwise noted)
- Time: Mon., Tues., Thurs., & Fri. 9:30-1:30 a.m. (no class on Wed., because of trip to Nature Center).
- Place: Valley #2 lounge area.
- The theme is "Child Art". Activities are planned geared to the 5-12 age group.
- Register as soon as possible at the Local Information Desk as space limitations will restrict the size of the group.
- A list of baby sitters is available at the Local Information Desk.

**PICNIC**

The picnic will be held on **Wednesday, August 20, at 6 p.m. in the recreation area west of the Valley dormitories**. In case of rain it will be held in the dining area of the Valley #2 dormitories. Barbecued chicken and baked ham will be the main dishes. Beer will not be served; however, there is no restriction on individuals bringing their own.

**SHOPS GUIDE**

1. There is a small shopping area on West Michigan Avenue just west of the Campus. It is a 5 to 10-minute walk of the Valley dormitories starting at 8:45. The cost of the bus will be $2.25 each way.

**BEER PARTY**

The "Beer Party" is scheduled for **Wednesday, August 20 from 9 p.m. until midnight at the Holiday Inn-West (off Stadium Drive at U.S. 131)**.

**CHILDREN'S ARTS AND CRAFTS**

- Time: Mon.-Thurs., Fri. 9:30-1:30 a.m. (no class on Wed., because of trip to Nature Center).
- Place: Valley #2 lounge area.
Plan Several Timely Panels

Several timely panel discussions will be presented during the meetings. Among them are:

A joint AMS-MAA panel discussion on “The Mathematics Accreditation Question” will be held on Monday, August 18, from 10:30 to 11:30 in Miller Auditorium. Panelists include Professors Wade Ellis, Shirley A. Hill and Calvin T. Long. Professor Daniel T. Finkbeiner, II, will moderate.

Calendar of Events

August 16-22

16 Comedy, “Story Theatre,” 2 p.m. and 8 p.m., Shaw Theatre, WMU
16, 22-23 Drama, “Hamlet,” 8 p.m., Dalton Theatre, Kalamazoo College
16 Milham Park Art Show, all day, Milham Park
16 Antique auto show, all day, Burdick Street Mall
16 Movie, “Ned Kelly,” 7, 9 and 11 p.m., Fine Arts Building, Kalamazoo College
17 Film, “West Chicago,” 2 and 3 p.m., Kalamazoo Nature Center
18-23 Kalamazoo County Fair, daily, County Center Building and Fairgrounds
18 “Hamlet, The Empty Rituals,” dialogue by Dr. Walter Warring and Dr. Roy Battenhouse, 8 p.m., Olmstead Room, Kalamazoo College
19-24 Musical, “Hair,” 8:30 p.m., Barn Theatre, Augusta
19 Poetry reading by Dabney Stuart, 8 p.m., Olmstead Room, Kalamazoo College
20 Movie “Les Infants Terrible,” 6:30, 8:30 and 10:30 p.m., Light Fine Arts Building, Kalamazoo College
21 Young Poet’s Workshop poetry reading, 8 p.m., Olmstead Room, Kalamazoo College
22 Gladiolus show, all day, West Main Mall
22 Movie, “The Man Who Shot Liberty Valance,” 6:45, 9 and 11:15 p.m., Fine Arts Building, Kalamazoo College

Name Arrangements

Committee Members

Members of the conference arrangements committee are: Yousef Alavi, chairman; Gary Chartrand, A. Bruce Clarke, professor and chairman of Western’s department of mathematics; S. F. Kapoor, Don R. Lick, John W. Petro, James H. Powell and Alden H. Wright, all of WMU’s math faculty; Florence M. Clarke of Kalamazoo; and J. M. Calloway of Kalamazoo College.

Also, Paul Bateman, University of Illinois, American Mathematical Society associate secretary; D. P. Roselle, Virginia Polytechnic Institute, Mathematical Association of America secretary; and G. L. Walker, AMS executive director.