



DOUBLE DOME

Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

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Long Range Planning Com. Chairman - H. Lindemann 871-5900

- APRIL 1977 -

APRIL PROGRAM-MEETING: This month's program will be shared by three MAS members - Harvey Kuehn, who will explain how to build an electronic slow motion control, and Gerry Samolyk and Gary Wedemayer who will team up to tell about eclipsing binary stars - what they are, types, and observing techniques.

Take in this informative double feature. Bring a friend or another member.

WHEN - Friday, April 15, 1977, 8 p.m.

WHERE - UWM Engrg. Bldg., Corner of Kenwood and Cramer, Room 135.

PLAN NOW FOR NCRAL CONVENTION!

NORTH CENTRAL REGION ASTRONOMICAL LEAGUE (NCRAL)

- WHEN - Sat. April 30, 1977
- WHERE - Fermi National Accelerator Labs., Batavia, Illinois.
- HOST: Fox Valley Ast. Society, Chas. Thompson, Pres.
- FRIDAY EVE: Open house at Wheaton College, 8 p.m.
Open house at Naperville Ast. Soc. Glen Riley Observatory.
- PRE REG. FEE: \$2/person, (\$2.50 at door). Send fee to Hugh Cole, 141 S. 18th St., St. Charles, Ill. 60174.
- REG. AT DOOR: 8-9 A. M.
- TOUR OF FERMILAB: 9-10 A. M.
- LUNCH: \$3.50/person, DINNER: \$8/person.
- MAIN SPEAKER: Dr. Timothy Toohig, Fermilab Meson Division head, will talk about depths of matter of which universe is made and influence of new atomic discoveries on nature of universe.
- PAPERS: Send name, address, society, paper topic, equipment needed, to Homer DaBoll, 6 N 106 White Oak Lane, St. Charles, Ill. 60174. Please send soon!
- Complete information - maps, lodging locations, restaurants, points of interest, Fermilab facts - obtainable at the April General Program-Meeting, or write Charles J. Thompson, Box 91, St. Charles, Ill., 60174. (312-584-6561). For route to Batavia, call W. Albrecht (464-5085).

GET WELL WISHES to longtime member Mary Ball who is recuperating after being hospitalized.

SOMETHING NEW! Co-Observatory Director Ray Zit has agreed to be the Fund raiser for the 26" Telescope! As you've gathered from last month's Double Dome, raising a quarter million dollars will require all the help he can get. But he's going to try!

One thing Ray would like to do is run a flea market at the observatory around the middle of July. Anything of value would be offered with all proceeds deposited in the 26" Fund. The general public would be invited to browse.

Write or call Ray Zit at 3844 W. Park Hill Av., Milw. 53208 (342-4037) and let him know what you think of this plan, or of any other fund raising ideas. In the meantime, save salable items should this idea materialize!

MEETINGS:

- Fri., April 15 -- APRIL PROGRAM-MEETING. Members and guests welcome. 8 p.m. UWM Engrg. Bldg., Room 135.
- Fri., Apr. 15 -- RADIO ASTRONOMERS. Everyone is welcome. Above location, 7 p.m. Check blackboard for room no.
- Fri., Apr. 22 -- Board of Directors will meet at the home of Dwight Harris, 3824 N. Maryland Av. (964-1428), 7:30 p.m. Wives are welcome.
- Wed., Apr. 27 -- STAFF -- at the observatory 7:30 p.m. All members welcome, especially the younger ones.
- Sat., Apr. 30 -- 31st ANNUAL NORTH CENTRAL REGION ASTRONOMICAL LEAGUE CONVENTION (NCRAL), Fermi Nat. Accelerator Labs., Batavia, Ill.

BOARD NOMINATIONS! The May Board of Directors election is a month away, so consideration of possible candidates must begin now.

In the past, the slate was prepared by an election committee and additional nominations from the floor were accepted. This year, MAS members should submit names of other members who might qualify as a board member, or nominate himself. Also submit a brief resume of the candidate. Call your choice(s) in to one of the officers listed at the top of page 1.

NEW MEMBERS:

PETER DAVIS, Cedarburg; planets, galaxies, cosmology, universe.
EUGENE HARRIS, Milwaukee; globular and open clusters, milky way, radio astronomy.
Welcome to the Milwaukee Astronomical Society!

HAPPY EASTER TO EVERYONE!

METEOR SHOWERS:

<u>Max. Date</u>	<u>Shower</u>	<u>Peak Rate/Hr.</u>	<u>Source</u>
Thu., Apr. 21-22	Lyrid	15	1861 I
Wed., May 4-5	Eta Aquarid	18	Halley

Best observing time is after midnight.

OBSERVATORY NOTES: Harvey Lindemann, Long Range Planning Committee Chairman, has compiled a list of observatory maintenance groups showing the names of many members.

It goes without saying that all of us have lots of things to do now that the bitter winter is past, but if everyone pitches in for an hour or two, we'll have something we and our neighbors will be proud of!

COMING EVENT:

NATIONAL AMATEUR ASTRONOMERS (NAA) CONVENTION

WHEN - Aug. 10-13, 1977

WHERE - Univ. of Colorado at Boulder.

If you have questions about fees, lodging, papers - anything at all -, call your Double Dome Editor at 933-3052, or write to Ms. Denise Nye, 5604 Bowron Place, Longmont, Colorado 80501.

MEMBERS NIGHT: Keyholders in charge are:

Apr. 9	P. Murn	464-1539	May 7	G. Samolyk	462-1340
16	J. Pfannerstill	258-3409	14	V. Tangney	281-6533
23	T. Ross	543-5809	21	R. Zit	342-4037
30	T. Renner	1-392-2799			

Members may use the facilities for any worthwhile project on these nights-no outsiders please, except parents of young members. Call the keyholder the Fri. before the duty night - cancel Sat. if necessary. Keyholders are urged to come out anyway. The keyholder is also responsible for tours during the week preceding his night. Requests should be cleared through James Toeller (352-7144).

- FULL FLOWER MOON, TUE., MAY 3 -

LeRoy Simandl, Editor (933-3052)
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