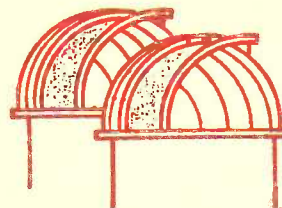


# DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

Pres.-D.Harris 964-1428 V.P.& Prog.Chm.-F. Roldan 344-2354  
Sec.-Mrs.V.Tangney 327-7976 Treas.-J.Toeller 352-7144  
Obs.Dir.-Ray Zit 342-4037 Asst.Obs.Dir.-D.Harris 964-1428  
Long Range Planning Com.Chairman - H. Lindemann 871-5900

OCTOBER - 1978

OCTOBER PROGRAM-MEETING: Attendees of this month's meeting will spend an enjoyable hour or so with Dr. John Mathis, Chairman of the UW-Madison Astronomy Dept. His topic will be "Mysterious Quasars." Dr. Mathis spoke to us last October when he gave a detailed talk on the ultimate fate of our sun.

A note to those who have recently joined the MAS. This is one of the fine meetings you've been told to expect. Make use of your membership. Join the longer-time members and spend an enjoyable evening! Bring a guest!

- WHEN - Friday, October 20, 1978 8 p.m.
- WHERE - UWM Engrg. Bldg., Corner of  
Kenwood and Cramer, room 133.

26" (66cm) PROGRESS REPORT: The FUND has \$6,560.44 to date, up from \$4800 in September. MAS member John Jach will be the architect.

The Proposed Astronomical Observatory brochure was distributed at the September meeting and explained in detail and at length by William Collins. If you have not received one, you will in a short time as all members will be contacted. Please note that the location will be at our present site, and while the brochure describes a 25" instrument, the mirror diameter actually measures nearly 25.8" (65.5cm).

Treas. Jim Toeller will eagerly accept your pledge now. No amount is too large or too small! You need not pay your tax deductible gift in one lump sum if you so desire.

IGNORE THIS ITEM if you've paid your '78-'79 dues. The MAS fiscal year begins Sep. 1, but Treas. James Toeller will overlook your tardiness if you remit now.

Pay at the General Meeting or make your check payable to the Milwaukee Astronomical Society and send it to Jim at 407 W. Mall Rd., Milwaukee, Wis. 53217 (352-7144).

Remember, failure to pay soon may cause you to miss issues of Sky & Telescope.

NEED INFORMATION? Besides your MAS officers and your Double-Dome Editor, you may call any of the Board members listed below if you have questions, comments, or suggestions.

|                   |          |                      |
|-------------------|----------|----------------------|
| Richard Berry     | 442-4267 |                      |
| Bill Collins      | 225-4169 |                      |
| John Geraci       | 442-2736 |                      |
| Jim Greenwald     | 774-8205 |                      |
| Dwight Harris     | 964-1428 | President            |
| Chris Hesselstine | 765-0251 |                      |
| Harvey Kuehn      | 774-6256 |                      |
| Bob McLaren       | 421-1916 |                      |
| Frank Roldan      | 344-2354 | Vice President       |
| Virgil Tangney    | 327-7976 |                      |
| Jim Toeller       | 352-7144 | Treasurer            |
| Ray Zit           | 342-4037 | Observatory Director |

ARE YOU AWARE that the MAS Observatory has a library? Any member may use it.

Your librarian, James Greenwald has a couple of suggestions:

- 1) Review the MAS Library books with an eye to discarding or sale at rummage sale of those books which do not pertain to astronomy or are not used. To this end, interested members can be of help by informing me of books they believe should be retained or discarded. I shall try to submit lists to board or membership before April 1, 1979.
- 2) Begin a members' lending service. Any interested members would send me a list of books they are willing to lend (alphabetical by title; or by subject and then alphabetical by title). All interested members could then receive a combined list from me. In addition, copies would be made available at the observatory. Of course, the MAS would assume no responsibility for materials.

Call Jim Greenwald at 2431 N. 64th St., Wauwatosa (774-8205).

NEW MEMBERS: The Milwaukee Astronomical Society is proud to present

ROALD BOSTROM, Shorewood; DEBBIE EHLINGER, Waukesha;  
GARY HOFMEISTER, Wauwatosa; CARTER NICHOLS, Elm Grove.  
Welcome!

CANADIAN HANDBOOKS may be ordered from Treas. Jim Toeller (352-7144). The price is \$3.50 per copy, paid in advance. You may remit with your dues. There will be no extra copies available. Only those who order will receive one.

YOU WON'T REGRET IT if you attend the 11th Annual MAS Dinner-Meeting! We'll meet in the Boulevard Inn's Brittany Room Fri., Jan. 19. The main speaker will be the very popular Dr. Greenler of UW-Milwaukee. More details soon.

CALENDAR:

- Sat., Oct. 14--Clean-up Day at the Observatory.
- Fri., Oct. 20--General Program-Meeting, 8 p.m., UWM Engrg. Bldg., Room 133.
- Fri., Oct. 27--Board of Director's meeting, 7:30 p.m. at the home of Chris Hesselstine, 1515 N. Farwell Ave. (765-0251). Wives are welcome.
- Wed., Nov. 1--STAFF meeting, 7:30 p.m., at the Observatory. ALL members are welcome.

METEOR SHOWERS:

| <u>SHOWER</u> | <u>MAXIMUM</u> | <u>PEAK RATE/HR</u> | <u>COMET SOURCE</u> |
|---------------|----------------|---------------------|---------------------|
| Orionid       | Fri., Oct. 20  | 38                  | Halley              |
| Taurid        | Thu., Nov. 9   | 16                  | Enke                |

Best viewing between midnight and dawn. Peak may occur a day or two before or after maximum date.

FOR SALE! 10" Telescope components:

- . Criterion heavy duty equatorial mount. R.A. and declination axes are 1½" shafts supported by needle bearings. Slow motion control on decl. axis. Will accept up to a 10" reflector.
  - . Gray phenolic telescope tube, flat black interior, 78" (1981.2mm) long for 10" mirror. Counterpoised with rotational ring. Aluminum end bezels.
  - . University Sky Microgiant eyepiece holder with adapter for 1¼" or 2" eyepiece.
  - . Ten-inch mirror cell.
  - . Diffractionless diagonal holder, completely counterweighted. Includes 2.65" minor axis flat.
  - . Optica right angle prism.
- All items listed will fit tube above. Will sell complete or separately. Only a 10" mirror is needed to make a complete telescope. Call W. Collins at 255-4169.

OBSERVATORY NOTES: Ray Zit, Observatory Director (342-4037).

- o Try to find an hour or two for the Observatory clean-up Sat., Oct. 14. Ol' man winter is getting ready to travel, so let's get things in order before he arrives. If we have more people pulling the wagon than what's riding, the job will get done quickly! Bring some clean-up equipment and elbow grease.
- o Your Society has many programs; participants are needed.
- o Frank Roldan is at the Observatory on Thursday nights. Call 344-2354 first if you intend to stop out.
- o Member's night keyholders will be:

|         |               |          |        |                 |          |
|---------|---------------|----------|--------|-----------------|----------|
| Oct. 14 | R. James      | 964-1428 | Nov. 4 | J. Pfannerstill | 258-3409 |
|         | 21 B. Krueger | 281-6904 |        | 11 F. Roldan    | 344-2354 |
|         | 28 P. Murn    | 464-1539 |        | 18 H. Kuehn     | 774-6256 |

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 his night - cancel Sat. if necessary. The keyholder is urged to come out anyway. The keyholder is also responsible for tours during the week preceding his night. Requests should be cleared through Mr. Toeller.

- FULL HUNTER'S MOON - MON., OCT. 16 -

LeRoy Simandl, Editor (933-3052)  
4201 W. Highland Blvd., Milwaukee, Wis. 53208