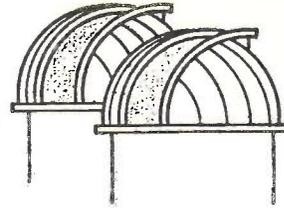


DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

Pres.-T. Renner 1-392-2799 V.P.& Prog.Chm.-E.Hafkemeyer 351-0138
Sec.-Mrs. W. Collins 255-4169 Treas.-Mrs. W. Albrecht 464-5085
Obs.Dir.-R. James 421-2162 Co-Obs.Dir.-R. Zit 259-0247
Long Range Planning Com. Chairman - H. Lindemann 871-5900

- DECEMBER 1976 -

JANUARY DINNER-MEETING! MERRY CHRISTMAS! HAPPY NEW YEAR!

DECEMBER PROGRAM-MEETING Normally, the MAS General Program-Meetings are held on the third Friday night of the month, but this month we'll get together on Friday, Dec. 10!

After the business meeting you'll see two fine, informative films by NASA; "MEASURING INTERSTELLAR DISTANCES", and "A QUESTION OF LIFE IN OUTER SPACE".

The program will be of interest to everyone. Guests are welcome. Our very new members should also attend so they may be introduced!

WHEN -- Friday, Dec. 10, 8 p.m.

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

Mark Fri., Feb. 18, 1977 on your calendar. This will be a very important meeting and it concerns all members!

YOUR ATTENTION PLEASE! Don't let the 9th Annual January Dinner-Meeting fly by; plan to set your course, take off, and touch down Fri., Jan. 21, 1977, 6:30 p.m., at the Alpine Village Restaurant, 10401 N. Green Bay Rd., Mequon.

Dinner Chairman Ray Zit says all systems are go, so send your reservation(s). All dinners include relish, soup, salad, entree, potatoes, and ice cream. Mark your entree choices in the tear-off on page 3.

The high-light of the evening will be Prof. Glenn Schmiege of the UW-Milwaukee Dept. of Physics who presented another fine program at the 1975 Dinner-Meeting. He will present perfectly clear facts in his talk "CLOUDS AND SMOKE-WATCHING AIR IN MOTION".

There is no charge for attending only the general meeting which begins at 8 p.m.

EMBLEM CONTEST: There is still time to make your emblem designs, but you must submit them no later than Fri., Dec. 10.

The emblem should be similar to those symbolizing schools or organizations. The contest is open to all Society members and their families, and you may submit as many original sketches as you wish, drawn the best you can. Send them to a Board Member or to any officer listed at the top of page one, or bring them to the December Meeting.

The winner will be notified and awarded two free tickets to the January Dinner-Meeting!

LAST CALL! You still have time to pay dues, but hurry, or you'll be dropped. Pay in person at the Dec. meeting, or remit to Treas. Anne Albrecht, 5648 N. 34 St., Milw., Wis. 53209 (464-5085).

NEW VICE-PRESIDENT Mr. Harvey Kuehn has resigned as Vice-President and Program Chairman. He has done a fine job and you can be sure Mr. Edward Hafkemeyer, your new V. P. and Program Chairman, will continue to present more top level programs.

MEETINGS:

- Fri., Dec. 10 -- DECEMBER PROGRAM-MEETING. Members and guests are welcome. 8 p.m., UWM Engrg. Bldg., Room 135.
- Fri., Dec. 17 -- BOARD OF DIRECTORS. Board members will meet at the home of Obs. Dir. Robert James, 5612 S. 41 (421-2162) 7:30 p.m. Wives are welcome.
- STAFF -- Cancelled until further notice.
- RADIO ASTRONOMY -- Watch for further information.

RADIO ASTRONOMY PROGRAM: The Sept., 1976 Double Dome mentioned the start of a radio astronomy program under the leadership of Mr. Rees Roberts.

Monthly meetings are planned beginning in January, so watch this newsletter for further details.

OBSERVATORY KEYS: Are you aware that two types of observatory keys are available to members?

One type requires a \$1.00 deposit. This key allows access to the parking lot, turns off the yard light, and turns on 110 VAC power for your clock drive or other equipment. This key, however, will not allow access to buildings.

The other type of key requires a \$10.00 deposit and a \$5.00/yr. use fee. This key allows access to the parking lot, buildings, and equipment, but can be obtained only by Board approval of a letter of application directed to the MAS President explaining the program or project.

The deposit on either type of key is refunded upon its return.

Keys may be obtained from Paul Murn, 10949 W. Stark, Milw. (464-1539).

HELP WANTED! Dr. Jacques Guertin, a former MAS member would like first hand information, other than literature, from anyone who has used, has owned, or owns a 7" Questar reflecting telescope. If you can help, please contact Dr. Guertin at 1-835-2921 (office), 1-639-5317 (home), or 5000 Bluebird Lane, Racine, Wis. 53406.

CANADIAN HANDBOOKS should be available at the December or January meetings. If you have ordered a copy and cannot attend either gathering, please call Treas. Anne Albrecht at 464-5085.

SEASON'S GREETINGS! The MAS Officers and Board Members wish everyone a cheery Christmas and a new year filled with good fortune.

METEOR SHOWERS:

<u>MAX. DATE</u>	<u>SHOWER</u>	<u>PEAK RATE/HR</u>	<u>SOURCE</u>
Dec. 13	Geminids	55	--
Jan. 4	Quadrantids	100	--

Best viewing time is after midnight.

MEMBERS NIGHT: Keyholders in charge are:

Dec. 4	J. Pfannerstill	258-3409	Jan. 1	V. Tangney	281-6533
11	T. Ross	543-5809	8	G. Wedemayer	476-1827
18	T. Renner	1-392-2799	15	R. Zit	259-0247
25	G. Samolyk	462-1340	22	J. Pfannerstill	258-3409

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 COLD MOON MON. DEC. 6 -

- FULL WOLF MOON WED. JAN. 5 -

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

YES! I (we) want to attend the Jan. 1977 Dinner-Meeting. Please make _____ complete dinner reservation(s) at \$6.60 each (includes gratuity) for (mark amount of choices).

- _____ Fresh Broiled Whitefish
- _____ Roast Top Sirloin of Beef
- _____ Roast 1/2 Duckling
- _____ Broiled Pork Chops

Name _____

Address and Phone _____

Please send form and remittance to Mr. R. E. Zit, 3844 W. Park Hill Av., Milwaukee, Wis. 53208.