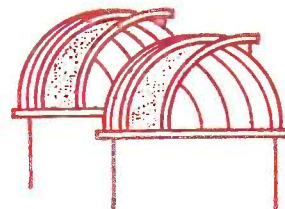


# DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

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OCTOBER - 1977

OCTOBER PROGRAM-MEETING: For aeons, man has regarded the sun with awe and wonder. Thought to be perfect and eternal, it was even the object of religious worship. Then inquiring minds discovered that the sun is really a giant gas-converting furnace, wracked by indescribable furies, pouring out some 500 tons of its mass every second so that some day it must burn out. What will happen until that day?

Dr. John Mathis, Chairman of the UW-Madison Astronomy Department, is well qualified to answer this question. Listen as he does so in his talk "Fate of the Sun."

- WHEN - Friday, Oct. 21, 1977, 8 p.m.
- WHERE - UWM Engrg. Bldg., Corner of Kenwood and Cramer, Room 135.

YOU'RE OVERDUE if you haven't paid your MAS dues! Please remit now because Treas. Anne Albrecht must send the subscription list to Sky and Telescope soon so you won't miss issues.

And if you ordered a Canadian Handbook, please remit \$3.00 rather than \$2.50 as stated in the Sep. Double Dome. If you paid \$2.50, please send the balance or pay at the October meeting. Order your Handbook before Nov. 1.

SPECIAL ELECTION REMINDER: A special election will take place during the Oct. General Program-Meeting to elect one board member.

Volunteers and willing nominees will be accepted. Nominees must be present and give a short biography.

Call V. P. and Program Chairman Tom Renner at 1-392-2799.

A-SCOPE RENAMED! The Luverne Armfield Telescope, originally named in honor of the founder of the MAS, has been renamed the Edward Halbach Telescope.

At the September meeting, Ed was presented a plaque identical to one to be affixed to the telescope.

This is a fitting award to give to a man that, for nearly five decades, has done so much for your Milwaukee Astronomical Society and amateur astronomy.

Congratulations, Ed!

WE NEED YOUR HELP! The Society can be proud, even boast, about the quality of its General Program-Meetings, judging from the consistently good attendance despite the season, weather, or travel distance.

To maintain this high standard, even try to improve on it, V. P. and Program Chairman Tom Renner would like your advice in arranging programs. Do you prefer guest speakers, movies, field trips, or programs by our members? Let Tom know about your ideas. He will consider all of them even if they may sound far-fetched!

CONTRIBUTIONS NEEDED: The North Central Region quarterly newsletter Northern Lights needs newsy articles from anyone about anything astronomical. The December issue deadline is Nov. 28. If you'd like to subscribe, send \$1.50 to J. H. Fox, 8301 Isle Av. S., Cottage Grove, Mn. 55016.

Y'ALL COME! A star party is planned for members and their families, Sat., Oct. 29 at the observatory as soon as it gets dark. Use Society equipment or your own. Dress warmly.

We'll interrupt our serious observing and lunching long enough to watch Mr. James Skinner of Optical Techniques, Inc., demonstrate a 4" Quantum Telescope (see your Oct., 1977 Sky & Telescope, p. 332).

There's a good chance the A-(Ed Halbach) Scope will be ready for use. Come see it!

THE PAPER DRIVE IS CANCELLED, but everyone can contribute to the 26" Telescope fund by bundling up old newspapers and taking them to a dealer NOW while the price is high. Send your contribution to Treas. Anne Albrecht.

NEW MEMBERS: MEET: Steven Buck, Fond du lac; Patrick Burns, Milwaukee; Barry Craig, West Allis; Douglas Gillespie, West Allis; Mr. & Mrs. Patrick Pedrow, Hales Corners; Mr. & Mrs. James Ramsey, Muskego; and Dale Tutkowski, West Allis. Welcome to the MAS.

CALENDAR:

- .Fri., Oct. 21--GENERAL PROGRAM-MEETING. Members and guests welcome. 8 p.m., UWM Engrg. Bldg., Room 135.
- .Fri., Oct. 28--BOARD OF DIRECTORS, 7:30 p.m. at the home of Mr. & Mrs. Virgil Tangney. Wives welcome.
- .Wed., Nov. 2--STAFF. 7 p.m. at the Observatory. Everyone welcome.

OPEN HOUSE RESUME': First, thanks to everyone who volunteered to help.

There were but 3 good nights out of the 8, but even so, 1300 persons came out, 303 on the last night, to listen to the fine programs, peer through the instruments, or ask questions.

Some were inspired enough to join the Society.

FOR SALE: 8" f/7.5 mirror. Needs fine grinding and polishing to complete. Here is a bargain that includes all tools and materials. \$50 or best offer! Call James Monroe at 332-0517.

METEOR SHOWERS:

<u>MAX</u>	<u>SHOWER</u>	<u>PEAK RATE/HR</u>	<u>COMET SOURCE</u>
Thur., Oct. 20	Orionids	38	Halley
Wed., Nov. 9	Taurids	16	Enke

Best viewing between midnight and daybreak.

OBSERVATORY NEWS: The 12 $\frac{1}{2}$  Halbach Telescope has been renovated, and except for some adjustment of the polar axis and a few finishing touches, should soon be in operation. It's a wonderful job of updating, repairing, and repainting. Stop in and see it--learn to use it!

MEMBERS' NIGHT: Keyholders in charge are:

Oct. 15 - R. Berry	931-0590	Nov. 5 - C. Hesselstine	765-0251
22 - W. Collins	255-4169	12 - E. Halbach	541-1181
29 - G. Hall	786-8579	19 - D. Harris	964-1428

Contact James Toeller (352-7144) if you are going on vacation. Changes will be shown on a revised list posted at the Observatory.

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 Mr. Toeller.

- FULL HUNTER'S MOON, WED., OCT. 26 -

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