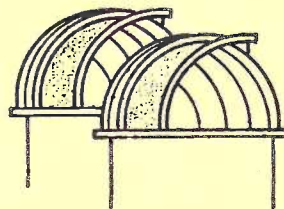


DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

Pres.-D. Harris 964-1428

V.P. & Co-Prog.Chm.-F.Roldan 344-2354

Prog.Chm.-T.Renner 1-392-2799

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

FEBRUARY - 1979

FEBRUARY PROGRAM-MEETING: The nineteenth century French philosopher Auguste Comte believed we would never know the composition of stars. Wrong! Today we have spectrosopes and sophisticated space satellites that can observe in ultraviolet light as easily as our earthbound telescopes can see in visible light.

Since most of us amateur astronomers do not have access to this type of equipment, we must rely on specialists to inform us.

We're fortunate to have a specialist with us at the next meeting. Dr. Claas de Boer of the University of Wisconsin will tell us about a special telescope and recent discoveries in ultraviolet satellite research in his talk "Ultraviolet Astronomy - Using The International Ultraviolet Explorer."

Dr. de Boer, a native of the Netherlands, is a post doctorate scientist involved in space satellite research at Washburne observatory west of Madison.

WHEN AND WHERE: Fri., Feb. 16, 8 p.m., in the UWM Physics Bldg., corner of Kenwood and Cramer. Guests welcome.

DINNER-MEETING RESCHEDULED: There's no need to explain why the January Dinner-Meeting was postponed! But have heart; we'll try again to get together Fri., March 2.

Despite the storm, some of our members and guests leaned into the wind and made their way to the Boulevard only to be informed of the cancellation. Should the weather again turn bad on March 2, call the Boulevard at 445-4221 or Ray Zit at 342-4037.

Here is a recap of the Dinner-Meeting details:

- o DATE AND PLACE: Fri., Mar. 2, Boulevard Inn's Brittany Room, Sherman at Lisbon in Milwaukee, north of Washington park. Plenty of lighted lot and street parking.
- o TIME: Dinner at 6:30, meeting at 8.
- o ENTREES: See tear-off on last page. Reserve before Feb. 26.
- o GUEST SPEAKER: The noted and popular Dr. Robert Greenler, UWMilwaukee professor of Physics, who will give a travelog titled "Antarctica - to the End of the Earth." This entertaining, informative talk will tell of his trip to the south pole. Let's hope our recollections of the past January weather won't steal any of his thunder!

There is no charge for attending only the meeting. Guests are welcome.

THE BIG NEWS is the Feb. 26 total solar exlipse. Some MAS members will be among the thousands of observers who will view it personally.

Milwaukee area people will see the sun as 82% obscured. First contact will occur at 9:38 a.m. CST, max. at 10:54 a.m. CST.

See SKY & TELESCOPE Feb. 1979 p. 149 for last minute notes, S&T Jan. 1979 p. 36 for partial phases, S&T Jun. 1978, p. 486 for the path.

Take care in observing. Don't look directly. Use projection methods with your back to the sun. Use two pieces of white card board, one with a pin hole, projecting onto another. Or use a shade #14 arc-welder's glass obtained from a welding supply house. Double thickness light-struck fully developed black and while film may be used for short periods of time. Don't use smoked glass, color film, sunglasses, or photo neutral-density filters alone or in combination.

YOU'RE INVITED to attend the meeting of the Physics Club of Milwaukee, Thursday, April 5, 8 p.m., in Marquette Univ. Todd Wehr Physics Bldg.

Dr. Richard Teske of the Univ. of Michigan will give an interesting talk entitled "Solar and Stellar Spectroscopy."

And, of course, the MAS reciprocates by inviting members of the Physics Club to attend our Program-Meetings which occur on the third Friday of every month except June, July, and August.

26" TELESCOPE REPORT! Good news! The fund now has over \$11,000! Send your contribution or pledge to Treas. Jim Toeller. Make it payable to the Milwaukee Astronomical Society.

We will break ground to build this spring. But there is a gray cloud. New Berlin has OK'd the building permit but a condition is that the observatory entrance driveway must be widened and black-topped.

NEW MEMBERS: The Milwaukee Astronomical Society is proud to introduce nine new members. Meet

WILLIAM BERGERON, West Allis; JEROME GENTZ, Greenfield;
PETER HANSEN, Sussex; MICHAEL PIERCE, Muncie, Indiana; JAMES,
DOROTHY, CORRINE, and JAY RUEDIGER, Muskego; ROGER WONG,
Glendale.

IF YOU'VE MOVED or changed your phone number within the last year, please notify Treas. Jim Toeller (352-7144). How will we know where to send your "SKY & TELESCOPE" magazine or the "Double-Dome?"

SLIDE PROJECTOR NEEDED: Your Society needs a donated 35 mm automatic carousel slide projector. If you have one that's no longer being used please call Ray Zit at 342-4037.

FOR SALE! 3.1" University Optics refractor, 18 months old. Equitorial mount, standard accessories. Please call Pat Burns at 871-5907 and make offer.

FOR SALE: 2" guidescope, approx. 25x, with rings, diagonal, cross-hairs, and 35 mm eyepiece. Asking \$50. Also for sale: Vivitar 135 mm telephoto lens used on Olympus camera. Includes case, dewcap, and neutral filter. Asking \$60. Please call Tom Schmidtkunz, 2814 N. 74th St., Milwaukee (774-9590).

"NORTHERN LIGHTS", The North Central Region Astronomical League quarterly news letter will publish its next issue in March. Editor James Fox needs articles. The deadline is Feb. 28. Annual subscriptions are \$1.50. Write Mr. J. H. Fox, 14601 55th St. S., Afton, Minn., 55001.

THE NORTH CENTRAL REGION ASTRONOMICAL LEAGUE will meet Sat. April 21, in Racine, Wis. The host will be the Racine Astronomical Society. More details later.

Plan your papers now.

THE BOARD WILL MEET after the February General Program-Meeting.

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

o Staff meeting Wed., Mar. 7. 7 p.m., at the home of Obs. Dir. Ray Zit, 3844 W. Park Hill Av., Milwaukee. ALL members are invited.

o Be careful how and where you park at the observatory.

o Member's night keyholders will be:

Feb. 10 G. Hall	786-8579	Mar. 3 R. James	421-2162
17 C. Hesseltine	765-0251	10 B. Krueger	281-6904
24 D. Harris	964-1428	17 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 SNOW MOON - SUN., FEB. 11 -

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

I (we) do want to attend the Mar., 1979 Dinner-Meeting. Please make _____ complete dinner reservation(s) for (make amount of choices).

_____	Whole Cornish Hen @ \$7.50 each
_____	Roast Sirloin @ \$7.50 each
_____	Broiled Whitefish @ \$8.20 each
_____	Stuffed Pork Chops @ \$7.90 each

Prices include 15% gratuity.

Name _____

Address & Phone _____

Please send this form with your remittance made payable to Mr. Ray Zit, 3844 W. Park Hill Av., Milw., Wis. 53208 (342-4037).