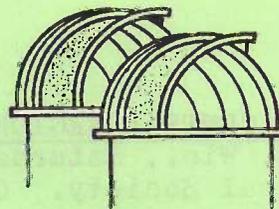


# DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

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MARCH - 1979

MARCH PROGRAM-MEETING: A year ago, prof. Edward Churchwell revived MAS interest in radio astronomy by giving a state-of-the-art talk on the subject. This month we're fortunate to have him back to again spur our interest as he tells us about radio astronomy and operation of radio telescopes in his talk "Radio Telescopes and Radio Emission."

Members and guests are urged to attend

Friday, March 16, 8 p.m. in the UWM Physics-Olsen Planetarium Bldg., corner of Kenwood and Cramer.

26" (66cm) TELESCOPE PROGRESS REPORT: To date we've collected \$11,349! The good news that was withheld for the last two months and which was to have been announced at the dinner-meeting was that Bill Collins would begin grinding the 26" mirror when \$10,000 or more was collected. So now he'll start.

Work must soon begin on the driveway to allow a better view of the main road.

Building plans are nearly ready. Ground will soon be broken.

The new observatory, minus the dome, should be done by fall.

A 26" fund drive will start soon. We may be on TV!

MAS OFFICERS AND BOARD MEMBERS will be elected or re-elected at the May General Program-Meeting. Chris Hesseltine has accepted to act as chairman.

If you'd like to volunteer for a post or if you know of a member your're sure would be a definite plus to the Society, submit your or the person's name to Chris at 765-0251.

THE MAS WILL CELEBRATE its fiftieth anniversary Sept. 18, 1982! Should we celebrate the event by hosting the National Astronomical League Convention in Milwaukee?

We can't start too soon on plans. Firstly, someone has to take charge, get a committee together, and start action on the thousand and one details. It's a big job and will take a lot of time and effort. Of course, he/she will have lots of help.

Let's give the idea some thought.

THE NORTH CENTRAL REGION ASTRONOMICAL LEAGUE (NCRAL) will convene in Racine, Wis., Saturday, April 21. The host will be the Racine Astronomical Society. Complete details will appear in the April Double Dome.

Now would be a good time to work on papers or to plan to attend. The MAS is usually well represented at these meetings.

EINSTEIN ANNIVERSARY: Wed., March 14, marks the 100th anniversary of Dr. Albert Einstein's birth. His three papers published in 1905 explained photoelectric effect which made possible TV and automation; Brownian movement, which provided a way to determine dimensions of molecules; and the special theory of relativity. In 1915, he published his paper on the general theory of relativity. These four papers laid the foundation of the atomic age.

Check your TV stations for programs honoring professor Albert Einstein as one of the great intellectual giants of all time.

HERE'S A REMINDER to attend the meeting of the Physics Club of Milwaukee, Thursday, April 5, 8 p.m. in the Marquette Univ. Todd Wehr Physics Bldg., located south of Wisconsin Ave. on Marquette Central Mall.

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

WANTED: Ten-inch telescope mirror. Please call Jeffy Effenheim at 352-2779.

FOR SALE! 2.4" refractor complete with equatorial mount, tripod, slow motion controls, setting circles, 5 eyepieces, 2 barlows, star diagonal, sun diagonal, 8 filters, erecting prism, and sun projecting screen. Cost \$325 will sell for \$200 firm. Please call Bob Halter at 258-7692.

YOUR SOCIETY NEEDS a donated 35 mm automatic carousel slide projector or a 16 mm projector. These items are needed for the Open House programs and special observatory tours.

THE BOARD WILL MEET Friday, March 23, 7:30 p.m., at the home of Treas. and Mrs. James Toeller, 407 W. Mall Rd. (352-7144). Wives are welcome.

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

o STAFF meeting, Sat. April 7, 7 p.m., at the observatory.

April 7 is National Astronomy Day. What can we do to foster the science of astronomy?

All members and the public are welcome to come out for this pre-season special night.

o Bright lights and sky glow are not helping visual astronomy in the Milwaukee area. Lots can be done at little or no cost. For example, lights can be shielded voluntarily or by ordinance, or simply turned off.

If you're interested in astronomy it behooves you to support our anti-light pollution campaign which will be a top topic at the April 7 Staff meeting.

o Member's night keyholders will be:

Mar. 10	B. Krueger	281-6904	Apr. 7	F. Roldan	344-2354
17	H. Kuehn	774-6256	14	T. Renner	1-392-2799
24	P. Murn	464-1539	21	G. Samolyk	462-1340
31	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 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 (352-7144).

\_ FULL WORM MOON - TUE., MAR. 13 -

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