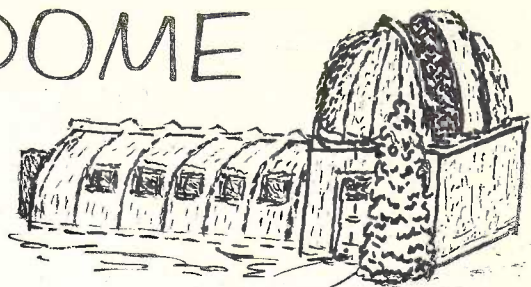


the DOUBLE DOME



Issued by the
MILWAUKEE ASTRONOMICAL SOCIETY

NOVEMBER - 1969

NOVEMBER MEETING

Astrometry is the branch of Astronomy relating to measurements of the apparent magnitude and position of heavenly bodies by the measurement of angles and time.

Precision position measurement of binary stars using the 40" Refractor will be the subject of Dr. William van Altena's talk "Long Focus Photographic Astrometry" to be given at the November MAS general meeting.

Dr. van Altena, Assistant Professor at Yerkes Observatory, is the first of two speakers we are to hear from the Yerkes Observatory staff. Dr. Hiltner, Observatory Director, will address members and guests attending the January Dinner-Meeting.

Plan to attend - invite a guest!

When - Friday, November 21, 1969 8:00 p.m.

Where - UWM Physics and Eng. Bldg.-Room 137

Corner of E. Kenwood Blvd. and N. Cramer Ave.

MEET YOUR NEW SECRETARY

Mrs. Kliman, who has served us faithfully as Secretary for many years, has turned her secretarial duties over to Mrs. Virgil Tangney. Mr. & Mrs. Kliman were very active in society affairs and we wish them bon voyage as they leave to make their residence in Mexico City.

We welcome Mrs. Tangney as our new secretary and offer her our full cooperation.

DINNER-MEETING

Since the January, 1969 Dinner-Meeting was such a pleasurable event, it will be featured again Friday, January 16, 1970 at the Central YMCA. Full details will appear in the December Double Dome.

RADIO TELESCOPE NEARS COMPLETION

Members of the JOMAS are diligently moving ahead on the Radio Telescope being constructed at the Observatory. Bob Stencil reports that the scope itself is complete and the electronic equipment is now being installed. It should be operational by mid-November. We're anxiously awaiting results from this ambitious, unique project.

FOUR NEW MEMBERS

Welcome to our newest members! Meet

Mr. Nicholas Pilugin, 2107 N. 33rd St., Milwaukee, 53208
Mr. Carlos Perez-Pena, 2976 S. Superior St., Milwaukee, 53207
Mr. Mark S. Harcourt, 7045 W. Thurston Ct., Milwaukee, 53218
Miss Maria Caravello, 2230 S. 60th St., Wauwatosa, 53219

BOARD MEETING - PLEASE NOTE!

Owing to the Thanksgiving and Christmas Holidays the Board Meeting date will be Friday, Dec. 5 at 7:30 p.m. at the home of Mr. William Albrecht. Board member wives are welcome.

OCTOBER 26-27 GRAZE

The early morning dawned upon six MAS observers stationed along a highway near Freistadt. Timing of the graze of ZC 538 by the moon was the objective.

The rising sun made the tracking difficult for all but the largest 'scopes pointing up the need for larger instruments. Director Ed. Halbach is inaugurating a program to build a number of easily portable 8" or larger reflectors for grazes and general use, especially at our Open House nights.

OBSERVATORY NEWS

The photographic patrol of flare star 66 Ophiuchus is continuing. No brightness variation, which may range from 0.7 to 4.7, has been noted, but observation will continue through December.

A white spot has been noted on Saturn. Members are invited to keep watch and report data to Mr. Halbach (541-1181).

JOMAS

Keyholders in charge are Donald Ramthun, Nov. 15; Leonard Schaefer, Nov. 22; Charles Simono, Nov. 29; Virgil Tangney, Dec. 6; Albert Brouillette, Dec. 13; Raymond Zit, Dec. 20. JOMAS members are to contact Dave Street (774-8957) or Greg Latsch (771-1752) for information. JOMAS leaders will contact the key-holder BEFORE 4:00 p.m. on the observing night.

HAPPY THANKSGIVING TO EVERYONE!

LeRoy Simandl
Double Dome Editor
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