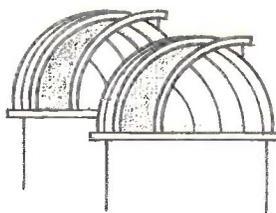


the DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

NOVEMBER - 1970

NOVEMBER GENERAL MEETING

Since ancient times, men of science have wondered about the true nature of light. Is it something given off by the eye, making things visible? Is it something nonmaterial? Or is it radiated in "chunks", waves, or a combination of both?

LIGHT: WAVE AND QUANTUM THEORIES is a color film demonstrating clearly and simply the accepted theory of light as consisting of both a wave motion and a discrete bundle or quanta of energy. The Compton effect, Young's double slit, and other major experiments are also shown.

* * * *

Conversations about telescopes rarely omit reference to the magnificent Hale 200" inch reflector located on Mt. Palomar in California. THE STORY OF PALOMAR details the development of the largest and most powerful telescope in the world. It explains the theory behind the reflecting telescope, and traces the making and installation of the giant 200 in. mirror.

This excellent program should provide an informative, enjoyable evening. Bring a guest or another member. There is plenty of free parking in the area.

Friday, November 20, 1970, 8:00 p.m. sharp
Physics & Eng. Bldg., Room 137
Corner of E. Kenwood & N. Cramer Ave.

JANUARY DINNER-MEETING

Since the January Dinner-Meetings have been so popular, another has been planned. It will take place Friday, Jan. 15, 1971 at the Central YMCA.

A most unusual film will follow the dinner. Filmed in Russia, the movie tells of the "most explosive visitation from outer space recorded in modern times" - the TUNGUSKA (SIBERIAN) METEORITE.

Don't miss this! Mark your calendar now! More details and a coupon will appear in the December Double Dome.

A BOUQUET FROM YOUR TREASURER!

Your Treasurer wishes to express his sincere appreciation to those members who paid their dues promptly on or shortly after September first. As a result of your fine cooperation, it was necessary to send out only about two-thirds of the usual number of "overdue" statements. Thank you.

Ray Ball

NEW MEMBERS

The Society is honored by the addition of three new members.
Welcome to

Mr. Jeffrey Smith, 7500 N. 39th St. 53209
352-1056. Planets, occultations, swimming.

Mr. Robert Kister, 3450-A N. 58th St. 53216
445-7217. Solar system, photography, gardening, oil painting,
winemaking.

Mr. Robert K. Thompson, Jr., Robert & Mark, 2972 N. Hackett Av.
53211 964-2754. Planetary work, nebulas, photography,
mountaineering.

NEW OBSERVING PROGRAMS

Two new programs will permit Society members greater use of
Observatory facilities.

Owing to the disbanding of the Corona Borealis, Mr. Al.
Brouillette has generously offered to conduct a member only open
house using observatory equipment, or your own. The program will
take place the last two Monday nights in November, the first
two Friday nights in December, and the first two Friday nights
of each month thereafter. If interested, call Mr. Brouillette
at 332-6623 between 4 & 5:30 p.m. on the observing nights.

The second program is still in the planning stage. It invites
members to set up their equipment on the Observatory Grounds any
night they choose. A key may be rented that will unlock the
parking lot chain, turn off the yard light, and supply power.
However, this key will not allow access to the Observatory
Buildings. Details will appear in a future Double Dome when the
program is ready.

BOARD MEETING

Board members and their wives will meet Friday, Nov. 27,
7:30 p.m. at the home of Mr. & Mrs. Virgil Tangney, 2313 W.
Morgan Av.

JOMAS

Keyholders in charge

Nov. 14 - William Albrecht (464-5085)
Nov. 21 - Ralph Brichta (463-9262)
Nov. 28 - Al Brouillette (332-6623)
Dec. 5 - William Collins (464-9420)
Dec. 12 - Norman Duecker (871-2657)
Dec. 19 - Alvin Gillard (1-534-3967 (Waterford))

JOMAS leaders - Call keyholder on the Friday before the
observing night.

JOMAS members - Call Pres. Mike Banach (383-5298) or Vice Pres.
Tom Tangney (281-6533) for information.

- - HAPPY THANKSGIVING - -

LeRoy R. Simandl
Double Dome Editor
4201 W. Highland Blvd. 933-3052
Milwaukee, Wis. 53208