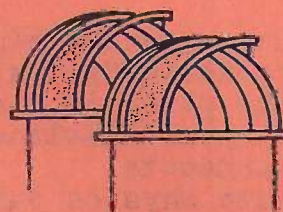


DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

Pres.-F. Roldan 344-2354

V.P.& Co-Prog.Chm.-J.Greenwald 774-8205 Prog.Chm.-P.Smitka 964-5316

Sec. - Mrs. M. Fromm 332-3725 Treas.-J. Toeller 352-7144

Obs.Dir.-G. Samolyk 258-5626 Asst.Obs.Dir.-J.Asztalos 258-5626

Observatory Site - 18850 W. Observatory Rd., New Berlin

- : APRIL, 1981 : -

SAVE THE CALENDAR

PROGRAM-MEETING IN PHYSICS BLDG.

APRIL PROGRAM-MEETING: The sky is full of wonders. There's something interesting for everyone who'll just take the time to look. And the discovery of new wonders in deep space never seems to cease.

One of the most recent finds is the supermassive star. What it is and how this object compares with supergiants like Antares, or epsilon Aurigae B, whose gaseous masses would extend beyond the orbits of Mars and Saturn respectively, will be discussed by our guest speaker, Dr. John Mathis.

Dr. Mathis is chairman of the University of Wisconsin-Madison Department of Astronomy. He is a very popular speaker and has given enjoyable talks to MAS audiences several times in past years.

Our monthly program-meetings are one of the benefits you can enjoy as an MAS member. Attend - Bring a friend!

WHEN: Friday, April 17, 1981, 8 p.m.

WHERE: UWM Physics Bldg., corner of Kenwood and Cramer, room 133 (our former meeting site).

MAY ELECTION MEETING: Each year during the May meeting, attendees elect or re-elect officers and board members to govern your Milwaukee Astronomical Society. Incumbents, volunteers, nominees from the floor, or recommended members may run for these positions. All of the latter who accept should prepare a brief qualification resume.

Any qualified MAS member may run for office. If you'd like to volunteer or know of a good prospect, please call any of the officers listed above. Two or more people for each position would be ideal. Officers are elected by the board, but the candidate does not have to be a board member.

This year should be active and exciting for the MAS because of the fourthcoming NCRAL Convention, celebration of our 50th anniversary, and accelerated efforts to produce a workable 26" telescope by early 1982. We've got leaders, talent (much of it hidden), and committees with workable plans. With good governors, effort, sweat, and more people pulling the wagon than what's riding on it, by gosh, we'll make it!

ONCE AGAIN, here are the highlights of the forthcoming 35th Annual Convention of the North Central Region of the Astronomical League (NCRAL) which will take place in Minneapolis, Sat. May 2, 1981:

- HOSTS: Minnesota Astronomical Society and the University of Minnesota.
- SITE: Tate Physics Building of the Minneapolis Campus of the University of Minnesota.
- ACTIVITIES: Papers (yours is invited), displays, banquet, tours, astrophotography contest, field trip by bus to O'Brien Infrared Obs. of Univ. of Minnesota (see "A Quest for Telescopes" in Sky & Tel. Feb., 1981).
- MAIN SPEAKER: Dr. Lawrence Rudnick, Asst. Professor, Dept. of Astronomy, Univ. of Minn. "Probing the Cosmos with Radio Eyes."
- REGISTRATION: Paper entry and photo contest forms: Contact Katherine Sproll, 1554 Hillside Av., No., Minneapolis, Minn. 55411.
- MORE INFORMATION: Contact Mr. James Fox, 14601 55th Street, South, Afton, Minn. 55001.

Though the distance to Minneapolis may cause some MAS members to hesitate to attend, extra effort by the host society to provide a full, interesting day should make the trip worthwhile.

26" (66cm) NEWS: The activity temp will need to increase from moderato to presto if the 26" telescope is to be operative in time for the 50th anniversary.

But we're not doing nothing. Forces are rallying for the big push. The subcommittees will join in the general meeting at William Tuerck's home, 340 Joanne Drive, Brookfield (782-2844), Sunday, April 26, at 2 p.m. If you would like to sit in or join in, stop in. Call G. Samolyk at 258-5626 for more information.

All committees need more help. Lots of simple pencil-ruler drawings need to be made. The base and fork are ready for fabrication. And yes, the 'scope needs more funding.

CONVENTION - 50TH ANNIVERSARY NOTES: It seems like the Double Dome is full of help wanted ads this month. Here's another.

Convention Chairman William Konig is moving ahead with plans for the MAS 50th year - NCRAL Convention. He'll need key officials to help with the banquet, public relations, proceedings, tours, papers, housing, and the 1001 things that will make the event pleasant and memorable. Call Bill at 242-2369.

OBSERVATORY MEETING: All members are welcome to meet at the observatory Wed., May 6, at 7:30 p.m. Here's a good chance to learn how to use observatory equipment and your own. If you have questions, here's the place to ask. Someone there will give you an answer or tell you where to find it. Incidentally, there's a rather extensive astronomical library at the observatory and books may be signed out!

OBSERVATORY NEWS: Ol' man winter will be heading out on the next south wind so work on summerizing the observatory will soon begin. Who do you know will assist at the clean-up-fix up party Sat. morning, April 18, starting at 10? Please bring cleaning equipment - vacuums, soap, buckets. Ladies invited.

ZAHORIKS DISCOVER NEW STAR! Mr. & Mrs. Michael Zahorik recently became the parents of a nine-pound boy. Mother, baby, and father are all doing fine.

Congratulations from the MAS.

NEW MEMBERS who will be introduced at the April Program-Meeting are: Ruth Frost, New Berlin; Ronald Kneusel, Wauwatosa; Dr. Ciney Rich, Shorewood.

FOR SALE: Six inch f8 Newtonian reflector. Tube is in fair condition, equatorial mount and drive in very good condition. 1/4" and 1/2" focal length eyepieces, 2X-3X Barlow lens. \$200 takes all.

Quantum 6, rarely used, perfect condition. 20mm eyepiece, dew cap, complete outfit. Price \$2,000. Selling for much less than new price. Will consider offers. Both instruments are for sale by Mark Adams. Please call 543-1054 between 9-10 p.m.

THE BOARD WILL MEET THURSDAY, April 23, 7:30 p.m., at the home of Mr. & Mrs. Donald Grenda, 3333 5th Av., Unit 6D, S. Milwaukee, (762-0089). Spouses are also welcome.

METEOR SHOWERS:

<u>SHOWER</u>	<u>NIGHT OF MAXIMUM</u>	<u>PEAK RATE/HR</u>	<u>COMET SOURCE</u>
Lyrids	Tue., Apr. 21	15	1861 I
Eta Aquarids	Mon., May 4	18	Halley

Best viewing between midnight and dawn. Peak may occur a day or two before or after maximum date.

SAVE THE CALENDAR! A calendar of MAS events for 1981 is included with this month's Double Dome. Please save it.

You're welcome to attend any or all of them.

MEMBER'S NIGHT KEYHOLDERS:

Apr. 11	G. Hanson	782-0397	May 2	V. Tangney	327-7976
18	G. Samolyk	258-5626	9	H. Auchter	542-2158
25	T. Schmidtkunz	1-338-2757	16	J. Asztalos	258-5626

Saturday night is member's night at the observatory. All members are invited to come out to observe, learn how to use the equipment available, or just chat. Call the keyholder the Fri. before his night - cancel Sat. if necessary. Keyholder should report anyway. He will also oversee tours during the week ending with his assigned night. Mr. J. Toeller (352-7144) will act on requests.

- FULL PINK MOON SUN., APRIL 19 -

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

SAVE THE CALENDAR

PROGRAM-MEETING IN PHYSICS BLDG.