

TWIN CITY ASTRONOMY CLUB

Minutes of the Regular Meeting

Tuesday, June 3, 1975

The meeting was held in the TOZAR CLASS ROOM of the Science Museum of Minnesota. It was opened at 7:30 P.M. by the President, Lauren Nelson. Lauren Nelson gave a talk and demonstration on the anodizing of aluminum. Doug Tweet gave an illustrated talk on "Transient Lunar Phenomena" and Hub Brueckner talked on the "Modulation Transfer Function", MTF, a way to describe the image quality of photographic lenses. Ivan Policoff set up a spectroscope with a resolution capability of 6 Angstroms and demonstrated absorption as well as emission spectra using the D line of sodium, the double line in the yellow part of the visible spectrum. Observing sessions at the Metcalf Nature Center are scheduled as follows: July 11 or 12 Aug. 8 or 9 Sept. 5 or 6 Oct 3 or 4 Nov. 1 an alternate date is indicated in case of inclement weather. Lauren Nelson will have a key to the gate of the observing site. Our Vice President Wm. Larson is the alternate to lead the observing sessions in case our President is not able to attend. We have been asked to help clear some brush before the July observing session begins. A "Satelite" out door toilet has been installed at the Metcalf Nature Center for the use of all the people who visit the nature center, not just the astronomy club. We have been asked to contribute \$2.00 a month toward the cost of this service. A vote was taken this was unanimously approved. The nature center is charged \$45.00 a month for this service. National Officers for the Astronomical League, of which we are a member, were voted on and the following names were placed on our ballot which was mailed to the national headquarters:- President: Robert E. Fried, Vice President: Ted Young, Secretary: Jim Fox, Treasurer: Francis D. Cecil. Ivan Policoff, our program chairman, will arrange a week end trip to Duluth to visit the University of Minnesota's Department of Astronomy at Duluth. The following changes in our constitution will be voted on at the July meeting:- Article IV Number 2 (now reads) "Dues for Student Members will be \$5.00 per year payable either annually or semi-annually in two equal installments. \$4.00 of Student Members dues will be set aside for student activities." Delete the second sentence and replace it with: "The Student Membership will reimburse the Club for services rendered, for example, cost of Newsletter, Reflector subscription, and etc." Under Article IV add the following: "7. All monetary amounts listed in Article IV are subject to change from time to time pursuant to Club approval." The articles of incorporation will be available for perusal at the July meeting.

Respectfully submitted

Hubert U. Brueckner, Secretary

Next meeting will be Tuesday, July 1st in the TOZAR CLASS ROOM OF the Museum - Herb Grika will discuss Lapse Time Photography. If in doubt about the weather on the night of scheduled observing session call Lauren Nelson 644-1254 or the Museum Guard 227-8241. Become a member of the Science Museum - Individual Membership \$10.00 - Family Membership \$15.00. Sky & Telescope club subscription rate is now \$6.00 per year - private subscription is \$9.00 per year.