

SIDEREAL TIMES

NEWSLETTER OF THE AMATEUR ASTRONOMERS ASSOCIATION OF PRINCETON

Director: Roxanne Peery

Editor: Dick Peery

FUTURE MEETINGS

Tuesday, November 11: *MEMBER'S NIGHT: AAAP members describe their current activities. The observatory Annual Report will be presented. Please call Dave Brown to reserve a spot.*

Tuesday, December 9: *David Crisp, Princeton University Grad Student; "THE McMATH SOLAR TELESCOPE AT KITT PEAK OBSERVATORY".*

Tuesday, January 13: *Dick Peery, PLANETARIUM SHOW, at the New Jersey State Museum Planetarium in Trenton.*

All meetings except the January planetarium show will be held at the Institute for Advanced Study (see map), and begin promptly at 8:00 p.m.

Prior to the meeting club members can attend an informal dutch treat dinner beginning at 5:45 p.m. at *Good Time Charley's* on Main Street in Kingston, for the November meeting. Locations for the December and January dinners will be published in the next Sidereal Times.

OCTOBER MEETING

The film "Mirror on the Universe" was shown to about 20 club members. The half-hour film described some of the technical and engineering problems faced in building the multiple mirror telescope on Mount Hopkins in Arizona. The success of this telescope will probably begin a new era of telescope design.

OBSERVATORY NEWS

Observing: As of press time there have been five Public Observing Sessions, four of which have clouded out. The first was clear and brought out about 15 members of the public to look through the scopes. Planetarium shows have been presented the other four times. Programs begin at the Planetarium at 7:30 p.m. and arrive at the observatory at 8:30 p.m. when clear.

The club members listed are on duty at the observatory on the indicated dates. To find out if a session will be held call the observatory after 7:30 p.m. at 737-2575.

In response to a discussion at the October meeting we are going to set up a few different observing programs. Hopefully they will help make Friday member's nights at the observatory more interesting and a lot more fun.

Lunar Photography Night will be held on Thursday, November 13, or Saturday, November 15, whichever is clear. If you are interested in learning a little about photography and taking pictures of the moon this is for you. It's an excellent chance to use the fine optics of the 6". All you need are a 35mm camera, a T-adaptor, cable release and a roll of film, such as Panatomic-X(b&w), or Kodachrome 64(color). Our work will be limited to prime focus only so you won't need anything else. We'll have a spare set up for those of you who don't have any equipment if you will bring your own film.

Call Roxanne Peery to find out if a session will be held at 397-3140. Sessions begin at 7:30 p.m.

Tripod Photography Night will be held on Thursday, November 6 or Saturday, November 8 and will show novice photographers how to take simple easy photos of constellations. One of the nicest photos that can be taken with this method are circumpolar star trails. You will need a camera that can take a time exposure and has a standard lens such as a 50 mm f/2.8 , a tripod cable release and film. Fast films such as Tri-X or Ektachrome 400 are best. We'll have an extra set up for those without equipment.

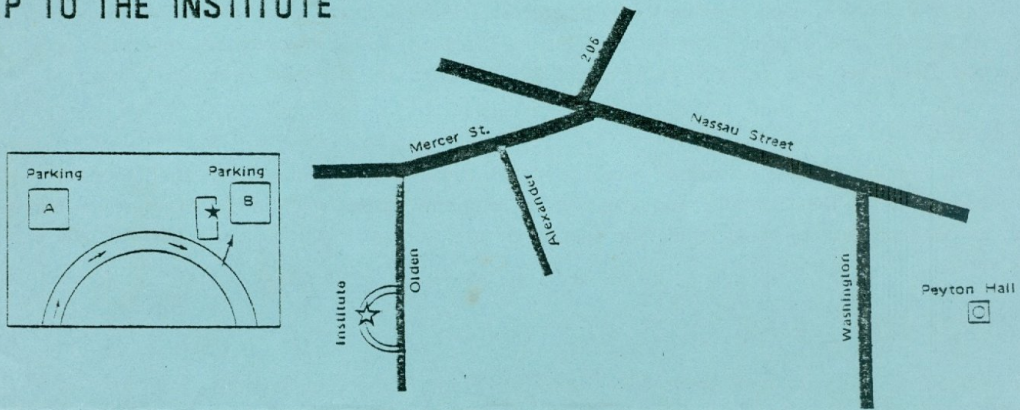
PRIZES WILL BE AWARDED FOR THE BEST PHOTOS IN EACH CATEGORY AT THE FEBRUARY MEETING!!

DUTY ROSTER FOR OBSERVING SESSIONS

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| November 7: Kurt Goepfert | December 5: Doug Wurzler |
| November 14: Roxanne Peery | December 12: Bill Phillips |
| November 21: John Church | December 19: Pat Kane |
| November 28: Kurt Rahlfs | December 26: Leith Holloway |

Construction: Due to the onset of winter work on the observatory is slowing down. The only project remaining is to drain the water system.

MAP TO THE INSTITUTE



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