

## **BIMONTHLY SUMMARY**

**January - February 2000**

*The aluminizing chamber is lowered into the telescope for the next aluminizing attempt scheduled for March 2000.*

### **I. Personnel**

Physics/astronomy undergrad Heidi Olson was hired in late January to work on the wavefront sensor.

Department office student worker Hudson Genovese left the MMTO in mid February.

UA student Staci Hayes was hired in late February to work in the department office.

Craig Foltz presented public talks on the MMT Conversion to the Green Valley Men's Club on February 2, and on February 8 as part of the annual FLWO public lecture series.

Craig Foltz gave a talk on the recent measurement of the Mount Hopkins sky brightness at an International Dark Sky Association Seminar on January 28. He also participated in several meetings of the Working Group of the Pima County Outdoor Lighting Code Committee in January and February. The Board of Supervisors will consider the draft code in March. Foltz also spoke at an NOAO Science Lunch about the recent sky brightness measurements.

### **II. Development**

#### **A. The 6.5 m Telescope Project**

A thorough review of project activities is given in *The MMT Conversion Quarterly Summary*, to which interested readers are referred. The most recent edition, covering the period from January 1 - June 30, 1999 can be found on the web at [http://sculptor.as.arizona.edu/foltz/qsum99\\_1/](http://sculptor.as.arizona.edu/foltz/qsum99_1/).

### **III. Operations**

No activity to report.

### **IV. General Facility**

No activity to report.

## **V. Optics**

No activity to report.

## **VI. Maintenance and Repair**

No activity to report.

## **VII. Visitors**

Pima County Supervisor Ray Carroll, his daughter Maria, and a member of his staff visited the summit on January 20, accompanied by Craig Foltz, to photograph the lunar eclipse.

Seven members of the Magellan Project's Scientific Advisory Committee toured the MMT on January 22, accompanied by Craig Foltz.

Brian McLeod, Mark Ordway, and Maureen Conroy toured the MMT and met with J.T. Williams and Craig Foltz on February 9. The topic of discussion was the deployment of Minicam.

## **VIII. Publications**

### **A. MMTO Internal Technical Memoranda**

None

### **B. MMTO Technical Memoranda**

None

### **C. MMT Conversion Internal Technical Memoranda**

00-1 MMT f/5 Wind Loading, Supports at Support Sector Centroids  
B. Cuerden

00-2 MMT f/9 Secondary, Fan Balancing Requirement  
B. Cuerden

### **D. MMT Conversion Technical Memoranda**

00-1 6.5 m Instrument Rotator Performance Goals and Specifications, Rev. 3  
D. Clark, S. Callahan, J. T. Williams

00-2 Correcting 6.5m Primary Mirror Figure Errors with the Active Supports  
S. C. West, H. M. Martin

### **E. MMTO Technical Reports**

None

## **F. Scientific Publications**

None

## **G. Observing Reports**

Copies of these publications are available from the MMTO office. We remind MMT observers to submit observers' reports, as well as preprints of publications based on MMT research, to the MMTO office. Such publications should have the standard MMTO credit line: "Observations reported here were obtained at the Multiple Mirror Telescope Observatory, a facility operated jointly by the Smithsonian Institution and the University of Arizona."

Submit publication preprints to [bruss@as.arizona.edu](mailto:bruss@as.arizona.edu) or to the following address:

MMT Observatory  
P.O. Box 210065  
University of Arizona  
Tucson, AZ 85721-0065

## **H. MMTO in the Media**

No activity to report.

## **I. MMTO Home Page**

The MMTO maintains a World Wide Web site (the MMT Home Page) which includes a diverse set of information about the MMT and its use. Documents that are linked include:

1. General information about the MMT and Mt. Hopkins.
2. Telescope schedule.
3. User documentation, including instrument manuals, detector specifications, and observer's almanac.
4. A photo gallery of the Conversion project as well as specifications and mechanical drawings related to the Conversion.
5. Information for visiting astronomers, including maps to the site and observing time request forms.
6. The MMTO staff directory.

The page can be accessed in two ways. First, it can be loaded via URL <http://sculptor.as.arizona.edu>. Second, it can be accessed via a link from the OIR's MMT page at URL <http://cfa-www/cfa/oir/MMT/mmt/foltz/mmt.html>. The former should be used by interested parties west of the Continental Divide; the latter is a copy, which is locally mirrored at SAO and is much faster for East Coast access.