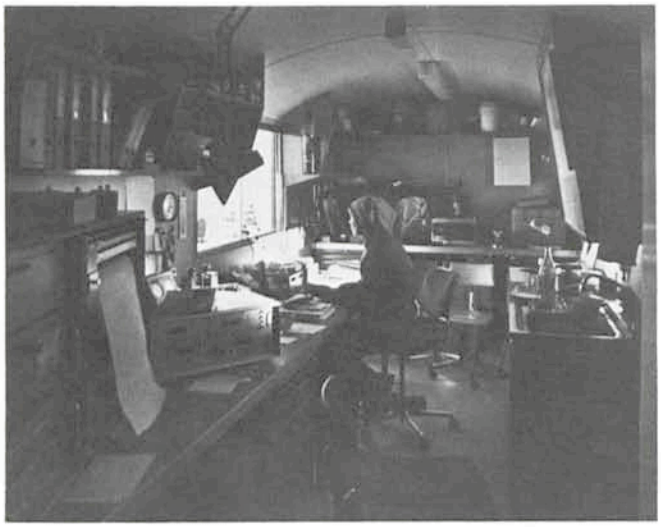

Interior view of the working-site hut, with the observation post to the left.

current are made through an amplifier with total counter-reaction and an analogue recording on roll-paper. A calibration device allows to check the dynamics of the sensitivity ranges ($10^4$). Presently, this instrument obtains accurate photometric observations, in seven colours, for stars of magnitude $4 \leqq m_V \leqq 10$. An achromatic attenuator reduces the flux of the bright stars which may therefore be observed without saturation problems (the magnitude scale is shifted by 4.5 units).

### The Observations

Several astronomical programmes are undertaken and pursued simultaneously. Of great importance is the establishment of a network of standard stars in the southern sky, which must be rigidly tied—in magnitude and in colours—to our standard stars in the northern sky. We also want to complete a variety of stellar samples already observed in the northern hemisphere, e.g. stars in the solar neighbourhood, the brighter stars, O-stars, B-stars of known distances (i.e. in the Scorpius-Centaurus association) and the stars of peculiar chemical composition. Some fields close to the southern galactic pole are observed methodically. We are also interested, in connection with stellar structure studies currently undertaken in Geneva, in having many, very complete and very accurate sequences of open star clusters.

Since the 10th November 1975, when this installation entered into operation, teams of two observers of the Geneva Observatory take turns on La Silla. They carry out the observations and the maintenance of the equipment. Several thousands of the measurements in seven colours have already been obtained and reduced in Geneva. The photometric quality of the site is really remarkable, and the number of clear nights is so high that it can be very tiring even for our best teams!

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## Visiting Astronomers

**(October 1976—March 1977)**

Observing time has now been allocated for period 18 (October 1, 1976 to April 1, 1977). The demand for telescope time was again much greater than the time actually available.

This abbreviated list gives the names of the visiting astronomers, by telescope and in chronological order. The complete list, with dates, equipment and programme titles, is available at request from ESO/Munich.

### 152 cm Spectrographic Telescope

Oct. 1976: Breysacher/Muller/Schuster/West, Wamsteker, v. d. Heuvel, Maurice.

Nov. 1976: Maurice, Seitter, Divan, Chincarini/Materne, Breysacher/Muller/Schuster/West, Pakull.

Dec. 1976: Pakull, Westerlund/Olander, Ardeberg/Lyngå/Cullum, Bergwall/Ekman/Lauberts/Westerlund, Dennefeld, Materne.

Jan. 1977: Materne, Denoyelle, Havlen/Quintana, Breysacher/Muller/Schuster/West, Breysacher/Westerlund, J. P. Swings.

Feb. 1977: J. P. Swings, Kohoutek, Alloin, Moffat/Solf/Kohoutek.

March 1977: Moffat/Solf/Kohoutek, Ilovaisky, Wamsteker, Gieren, Havlen.

### 100 cm Photometric Telescope

Oct. 1976: Havlen, Breysacher/Muller/Schuster/West, Mianes/Rousseau/Rebeirot.

Nov. 1976: Mianes/Rousseau/Rebeirot, Wamsteker, Crane, Chincarini/Materne, Alcaíno, Crane, Westerlund/Olander.

Dec. 1976: Westerlund/Olander, Pakull, Ardeberg, Maitzen, Alcaíno.

Jan. 1977: Denoyelle, Haug, Wamsteker, Borgman, Wlérick, Adam, Breysacher/Muller/Schuster/West, Tinbergen.

Feb. 1977: Tinbergen, Vogt, Kohoutek, Danks, Chevalier

March 1977: Chevalier, Wamsteker, Chevalier, Sherwood, Wamsteker, Vogt.

### 50 cm ESO Photometric Telescope

Oct. 1976: Duerbeck.

Nov. 1976: Duerbeck, Seitter, Pakull, Elst.

Dec. 1976: Elst, Heck, Vogt, Heck, Vogt.

Jan. 1977: Heck, Haug, Borgman, Vogt.

Feb. 1977: Knoechel, Vogt, Manfroid, Vogt, Krautter.

March 1977: Krautter, Gieren, Ilovaisky.

### Objective Prism Astrograph (GPO)

Oct. 1976: Blaauw/West, Azzopardi, Heudier, Muller/Schuster/West.

Nov. 1976: Pakull, Blaauw/West, Heudier, Muller/Schuster/West.

Dec. 1976: Zeuge, Blaauw/West, Zeuge, Gieseking, Heudier.

Feb. 1977: Blaauw/West, Gieseking, Muller/Schuster/West.

March 1977: Amieux, Denoyelle, Gieseking, Blaauw/West, Muller/Schuster/West.

### 60 cm Bochum Telescope

Dec. 1976: Hardorp, Oblak.

### 50 cm Danish Telescope

Jan. 1977: Haug, Kohoutek.

Feb. 1977: Kohoutek, Sterken/Jerzykiewicz, Renson.

March 1977: Renson.